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# THIRTY-SECOND ANNUAL REPORT

OF

# THE TRUSTEES

OF THE

# DANVERS STATE HOSPITAL,

AT

DANVERS, MASS. (POST-OFFICE, HATHORNE),

FOR THE

YEAR ENDING NOVEMBER 30, 1909.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 Post Office Square.
1910.



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APPROVED BY
THE STATE BOARD OF PUBLICATION.

362.2M3 11907 1909-19

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# **OFFICERS**

OF THE

# DANVERS STATE HOSPITAL.

Nov. 30, 1909.

|                          |        | TRU   | JST      | EES.    |       |       |          |         |            |
|--------------------------|--------|-------|----------|---------|-------|-------|----------|---------|------------|
| Mr. Samuel W. Hopkinson  | Γ,     |       |          |         |       |       |          |         | Haverhill. |
| ORVILLE F. ROGERS, M.D., |        |       |          |         |       |       |          |         | Boston.    |
| Miss Annie M. Kilham,    |        |       |          |         |       |       |          |         | Beverly.   |
| Mr. George R. Jewett, Ch | airm   | an,   |          |         |       |       |          |         | Salem.     |
| Mr. HORACE H. ATHERTON,  | Corre  | espon | ding     | Secreta | ry,   |       |          |         | Saugus.    |
| Miss Mary Ward Nichols,  | Reco   | rding | Secr     | etary,  |       |       |          |         | Danvers.   |
| Mr. S. HERBERT WILKINS,  |        |       |          |         |       |       | :        |         | Salem.     |
|                          |        |       |          |         |       |       |          |         |            |
| 1                        | RESI   | DEN   | 1I C     | FFICI   | ERS   | 5.    |          |         |            |
| CHARLES W. PAGE, M.D.,   | •      |       |          | Physic  | cian  | and.  | Super    | intende | ent.       |
| HENRY M. SWIFT, M.D.,    |        |       |          | Assiste | ant.  | Physi | ician.   |         |            |
| ANNA H. PEABODY, M.D.,   |        |       |          | Assiste | ant.  | Physi | ician.   |         |            |
| Charles Ricksher, M.D.,  |        |       |          | Assiste | ant . | Physi | ician.   |         |            |
| EDWIN W. KATZENELLENBO   | GEN,   | M.D   | ., .     | Assiste | ant . | Physi | ician.   |         |            |
| LESLIE C. BISHOP, M.D.,  |        |       |          | Assist  | ant . | Phys  | ician.   |         |            |
| HARLAN L. PAINE, M.D.,   |        |       |          | Assist  | ant . | Phys  | ician.   |         |            |
| HERMAN M. ADLER, M.D.,   |        |       |          | Assiste | ant I | Physi | ician o  | ind Po  | thologist. |
| MYRTELLE M. CANAVAN, M.  | D.,    |       |          | Assiste | ant . | Patho | ologist. |         |            |
| ISAIAH H. HALLADJIAN, M. | D.,    |       |          | Intern  | e.    |       |          |         |            |
| Mr. John N. Lacey, .     |        |       |          | Stewar  | d.    |       |          |         |            |
| No                       | יי זאר | mar   | D 1012-1 | ш Отт   | arca  | m D   |          |         |            |
|                          | )W-K   | E211  | אנאט     | T OF    |       |       |          |         |            |
| Mr. Scott Whitcher, .    | •      | •     |          | Treasi  | ırer  | and ( | Clerk.   |         |            |
|                          |        |       |          |         |       |       |          |         |            |

## HEADS OF DEPARTMENTS.

| Mr. Adam D. Smith, .   |  | . Supervisor Male Department.  |
|------------------------|--|--|
| Miss Eunice A. Fisk, . |  | \ Supervisor Female Department and \ \ Principal of Training School. |
| Mr. Charles Lindgren,  |  | . Engineer.  |
| Mr. George L. Barker,  |  | . Farmer.  |
| Mr. George W. Gardner, |  | . Carpenter.   |



# CONSULTING BOARD OF PHYSICIANS.

| Dr. FRANCIS W. ANTHONY, | • | • | • | • | 112 Main Street, Havernin.     |
|-------------------------|---|---|---|---|--------------------------------|
| Dr. Samuel Crowell,     |   |   |   |   | 8 Monadnock Street, Dorchester |
| Dr. Hasket Derby, .     |   |   |   |   | 182 Marlborough Street, Boston |
| Dr. Frank B. Flanders,  |   |   |   |   | 617 Broadway, Lawrence.        |
| Dr. Daniel D. Gilbert,  |   |   |   |   | 677 Dudley Street, Dorchester. |
| Dr. Thomas Kitteridge,  |   |   |   |   | 13 Chestnut Street, Salem.     |
| Dr. ARTHUR C. NASON,    |   |   |   |   | Newburyport.                   |
| Dr. John T. G. Nichols, |   |   |   |   | 63 Brattle Street, Cambridge.  |
| Dr. Joseph G. Pinkham,  |   |   |   |   | 64 Nahant Street, Lynn.        |
| Dr. George B. Shattuck, |   |   |   |   | 183 Beacon Street, Boston.     |
| Dr. Frederic W. Taylor, |   |   |   |   | Cambridge.                     |
| Dr. John F. Young, .    |   |   |   |   | 9 Fruit Street, Newburyport.   |
|                         |   |   |   |   |                                |



# The Commonwealth of Massachusetts.

### TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Danvers State Hospital respectfully submit their thirty-second annual report, with the reports of the superintendent and treasurer and the statistics required by law.

The reports of the superintendent and treasurer will give the details of the management of the hospital.

The changes in the administration of the institution have been almost entirely of nurses and employees.

Since our last report, Mr. Solon Bancroft, after twenty-six years of faithful service, declined reappointment, and we regret to be obliged to record the loss by death of Mrs. Ada T. Brewster. Mrs. Brewster had served the Commonwealth for over seven years, with marked ability, and her sudden decease came as a personal affliction to all her associates on the Board. Their places have been filled by the appointment of Mr. S. Herbert Wilkins of Salem, and Miss Annie M. Kilham of Beverly.

While the average number of patients has been larger than we were led to expect when making our estimates for the past year, that fact would not entirely account for the increased expenditures. Special appropriations were asked for new silos and the remodeling of the treasurer's room, which were not granted, and these amounts we were obliged to charge to repairs. Early in the year our ice house was destroyed by fire, and the cost of replacing it has been charged to the same account.

The requirements of the main hospital and Middleton colony having exceeded the capacity of our present laundry, plans have been prepared for its enlargement, and a special appropriation of \$11,000 will be asked of the Legislature to enable us to carry them out.

The daily average number of patients the past year has been 1,437, as against 1,336 in 1908.

We commend the superintendent and other officers and employees to your favorable consideration, and desire to express our appreciation of their faithful and untiring efforts in the interests of the hospital.

S. W. HOPKINSON.
ORVILLE F. ROGERS.
ANNIE M. KILHAM.
GEORGE R. JEWETT.
H. H. ATHERTON.
MARY W. NICHOLS.
S. HERBERT WILKINS.

# SUPERINTENDENT'S REPORT.

To the Trustees of the Danvers State Hospital.

Herewith is presented the thirty-second annual report of the hospital.

By an act of the Legislature at its last session, the name of the hospital was changed from Danvers Insane Hospital to Danvers State Hospital. Dropping the word "insane" from the title was a concession to good taste and public sentiment, and probably will do much to favorably modify the feelings of many patients and their friends towards the institution.

The statistical tables appended cover the operations of the hospital for the twelve months ending Sept. 30, 1909, while the financial report is based upon receipts and expenditures for the twelve months ending Nov. 30, 1909. For obvious reasons it would be much more satisfactory to have the statistical and financial years coincide, but the convenience of several supervisory State departments necessitates the present arrangement.

At the beginning of the hospital year there were present 1,386 patients. During the year 715 patients were admitted, and 1,424 remained at the end of the year. There was, however, a daily average of 1,437, — 2,061 patients coming under care and treatment in the twelve months. These figures do not adequately represent the fluctuations in the hospital population, which upon one day numbered 1,551, or 127 more than were on the books at the end of the statistical year.

The great majority of these patients were classed as "State," although a considerable number belonged in the reimbursing class, — those who contribute not exceeding \$3.25 per week for their support here; 136 were enrolled as "private patients," a class in which each individual pays \$5 and upwards for board and treatment (as the whole organization of this hospital is designed for the care and treatment of State patients, no efforts

to attract a clientele of private patients have been made, yet a gradual increase in the number of such patients under treatment is shown by successive annual reports); 198 patients were transferred, the greater number by the State Board of Insanity, a smaller number by the Commissioner of Immigration; 51 were dismissed but not discharged, being absent November 30 on a "trial visit."

Of those discharged, 48 were classed as "recovered" (as this is a low ratio it may be pertinent to explain that while cases of dementia præcox and inebriates frequently leave the hospital apparently cured, such cases are rigidly excluded from the recovery list as published in the statistical reports, in accord with a long-established standard adopted by the hospital); 90 were discharged as capable of self-support. Quite a number in this class might be regarded as recovered with a minor permanent defect were such a classification adopted here as it has been in some countries. A low recovery rate is certain to be the rule at this institution, there being a reasonable prospect of recovery in a comparatively small number of those admitted. Of the 534 patients committed for the first time to this hospital the past year a majority were hopeless as regards recovery. There were 41 cases of chronic alcoholic insanity; 30 cases of imbecility and constitutional mental defect; 124 cases of dementia præcox; 35 cases of senile dementia; 86 cases of organic dementia; and 42 cases of general paralysis.

During the year there were 191 deaths; 30 died from senile dementia; 57 from organic dementia; 35 from general paralysis. Three patients, 2 women and 1 man, committed suicide by strangulation with strips of clothing. None of these patients had by previous act or speech given warning of an intention respecting the act.

An outbreak of diphtheria occurred in August. One man and 1 woman were both bacteriologically and clinically cases of diphtheria, but quite a number, both men and women, clinically well, were found to have K. L. bacilli in their throats. Rigid quarantine methods were adopted in all such cases. The sick recovered, and the carriers of the infection were restored to a normal throat condition by a few weeks of open-air treatment.

#### LABORATORY WORK.

In connection with the dysentery epidemics which prevailed here the two past summers, extensive laboratory investigations were undertaken under the direction of the former pathologist, Dr. Southard.

Experience gained the first year suggested methods for clinical observation and records the second year, and it is believed that future epidemics of dysentery here will be better understood and better managed as the outcome of the painstaking work done in the hospital laboratory.

The conclusion was reached that the disease was not introduced through the water or milk supply. It was determined that the Shiga organism was the prevailing type of infection in 1908, while that gave place to the less virulent mannite-fermenting bacillus in 1909.

As observed in the clinical department, returns from the laboratory demonstrate that fatality with dysentery occurred in the large majority of cases in patients previously far advanced in heart and renal disease. Engaged in these special laboratory investigations was a company of six workers, who have summarized their observations and conclusions in a series of ten papers which the "Boston Medical and Surgical Journal" published Nov. 11, 1909.

The greater number of dysentery cases occurred in the summer months, yet many cropped out in the spring and fall, while a few cases appeared in winter. The minimum time of ulcer production was determined to be about seven days. The first evidences of healing were found in cases after twelve days. The most severe fatty degenerations of diffuse types in the nervous system were found in cases without ulcer production. As far as possible, all cases of dysentery and diarrhæa occurring the past year have been studied bacteriologically. Agglutination tests have been persistently practiced.

The regular laboratory work has not been suspended. Seventy autopsies were made in the complete manner practiced in this laboratory. This includes a thorough examination in all cases of brain, spinal cord and trunk organs, with bacteriological examinations of the heart's blood, the cerebro-spinal fluid, etc. There were 279 throat cultures from cases of diphtheria or persons exposed, and 87 clinical specimens from the wards were submitted for investigation and report. Routine urinalysis work was attended to by the pharmacist. A large number of milk specimens were subjected to a bacteriological count.

While all this routine pathological work will be continued in the future, Dr. Adler, the present pathologist, will take up a line of clinical research work, utilizing the laboratory facilities to study underlying physical conditions associated with the inception and advance of mental disorder. This work will embrace more thorough examinations of urine, feces, gastric contents, the blood, cerebro-spinal fluids, glandular secretions, etc., than have been possible hitherto in the Danvers hospital laboratory owing to the absence of special apparatus and a chemical expert interested in this line of investigations.

Especial studies will be inaugurated with the hope that more definite diagnostic and therapeutic data may be obtained in certain cases, or certain forms of mental disorder. The interesting and useful information obtained in recent years through studying the effects of inorganic salts upon the nervous system, and the well-known efficacy of animal extracts in diphtheria, myxedema, etc., suggest the importance of more accurate investigations concerning the chemical changes in glandular secretions associated with disorder of the higher brain centers.

### MEDICAL STAFF.

Dr. C. B. Sullivan, after four years of the most satisfactory service as assistant physician on the clinical staff, resigned early in the year to enter upon private practice in Boston.

Dr. Harlan L. Paine, a graduate of Tufts Medical School, after a year as interne in the Cambridge hospital, was appointed to fill the vacancy.

During the year, Dr. E. E. Southard resigned as assistant physician and pathologist to accept a more important and advantageous position under the State Board of Insanity, where he can direct and supervise pathological work in all the State hospitals. His services at this hospital, covering a period of

three and one-half years, were of the highest order of merit, and prolific of results to an extraordinary degree.

Dr. Herman M. Adler was elected to succeed Dr. Southard. Dr. Adler is a graduate of Harvard University, with a medical degree from Columbia College. He also pursued medical studies in the University of Strassburg; has been house officer at German Hospital, New York; voluntary assistant at Children's Clinic Charité, Berlin; also assistant in theory and practice of medicine at Harvard Medical School; and assistant in clinical pathology at Boston City Hospital. He retains the position of assistant in pathology and neuropathology at Harvard Medical School.

During the past twelve months, papers based upon the work done in this hospital have been published under the following titles, viz.:—

In the "Boston Medical and Surgical Journal": —

Statistical Report of the Dysentery Epidemic at the Danvers Hospital in 1908. Investigation of the Possible and Probable Sources of Infection and of the Causes of Spread of Dysentery in Danvers Hospital. Identification of Epidemic Dysentery in Danvers Hospital as due mainly to Bacillus Dysenteriæ (Shiga Type). A Study of the Agglutinations in Danvers Dysentery Cases: Comparative and Serial Tests with the Shiga and Flexner-Harris Strains on Bacillus Dysenteriæ. The Blood Cell Picture in Bacillary Dysentery. The Lesions of Bacillary Dysentery. The Nervous System in Bacillary Dysentery. Ulcerative Vaginitis in a Case of Bacillary Dysentery. The Occurrence of Dysentery in Hospitals and in the Community at Large, with a Summary of the Prophylactic Measures which should be employed to check the Disease. Conclusions from Work on the Danvers Dysentery Epidemic of 1908. A Study of the Psychoses beginning in the Puerperal State.

In the "American Journal of Insanity":—
Impressibility in Dementia Præcox.

In addition to these papers catalogued above, several have been written and ultimately will be published in the medical journals.

#### THE NURSING STAFF.

Early in the hospital year Miss Eunice A. Fiske, a graduate of the Concord Insane Hospital Training School, assumed charge of the Nurses' Training School. She conducted the school work with female pupils, 11 of whom graduated at the end of the school year. Their names are as follows:—

Margaret Ambrose. Etta M. Bullerwell. Mary H. Clancy. Lizzie W. Grant. Angeline M. Howe. Althea M. Marshall. Julia McAuliffe.
Alice G. Moore.
Francess I. Nix.
Kathleen Usher.
Ellen F. Lane.

There continue to be frequent changes in the personnel of the nurses and attendants on the insane. It is probable that very few of those who enter the service have previously formed definite plans regarding their future, and enter the hospital service because of curiosity to learn what hospital life is like and the temptation of higher wages than they could command elsewhere. The necessary restrictions as regards personal privileges, and the enforced obligation to exercise constant self-restraint with the patients, discourage the greater number. Unfortunately for their own good, they cannot subject themselves for the time being to a course of discipline and instruction that, if persisted in, would fit such individuals for higher lines of work and improved financial prospects.

#### Construction.

But little that can be credited to construction has been undertaken the past year. The new office for the treasurer is nearly finished, and promises to provide ample and satisfactory quarters for the financial department.

## Repairs and Improvements.

The barn silos had become so much out of repair, and the ensilage machinery so thoroughly worn out, that the old plant could not have been used longer without extensive and costly repairs. As no architect or practical farmer would approve

new fixtures similar to those used up, it seemed a waste of money to try to prolong their usefulness, therefore it was decided to provide modern circular silos outside the barn. The State Board of Insanity reviewed the proposition and decided that the proposed work was in the nature of repairs and should be charged to the maintenance fund.

A forest fire in the early spring burned the hospital ice house. What was left of the ice was covered with hay and a temporary board shelter, and in this way ice was kept until the last of November. The hospital received for ice sold during the year \$375. Under these circumstances a new building seemed entirely proper, and the foundations have been finished. The ice elevator well, of concrete, in the pond has also been completed. The house can be easily finished by the time ice is ready to harvest.

The bakery, with its original appliances, became overloaded with work as the number of patients increased the past year. Addition to the floor space has been provided and two new ovens have been installed. A new four-barrel dough mixer, with electric motor, has been purchased. A new proof room for raising dough was also built. The cost of these bakery changes has exceeded \$2,000.

Three large water heaters unexpectedly gave out during the year; to replace these has cost upwards of \$2,000.

As the force of mechanics regularly employed had failed to efface the too conspicuous evidence of wear and tear in the wards of the main hospital, additional workmen have been employed a part of the year. It is especially difficult to keep wards in perfect condition where thirty or more cot beds are spread out in the day space every evening and packed away in rooms during the day; walls and doorways are marred almost daily by such operations.

As the number of patients has at least doubled since the ward toilet rooms were arranged, larger rooms have become necessary. Enlarging and refitting three such rooms in the B building commenced nearly three months ago, but another month will be required to finish these rooms. The reconstruction of these toilet rooms will cost above \$1,000 each. The main hospital has twenty-four toilet rooms, and the greater number of

these should be enlarged and equipped with new plumbing fixtures without delay.

Repairs upon the driveways in front and rear of the administration building, which had become decidedly out of repair, were commenced in October, but could not be finished because the low temperature early in November rendered the tarvia being used in the work so stiff that it could not be handled with cold shovels.

The extra large number of patients accommodated for a time necessitated the employment of an extra upholsterer more than half the year. Extra workmen engaged in repairs added much to the pay roll and more to general expense for the extra painting and plumbing stock required.

#### ACKNOWLEDGMENTS.

Miss M. C. Gray, Boston, subscription to "Ladies' Home Journal," and clothing for a patient; Miss Harriet Lee, Salem, \$10 for the patients' Christmas; Barry, Beale Company, Boston, calendars; Mr. Samuel W. Hopkinson, Bradford, magazines; Miss M. A. Ramsey, Hathorne, magazines; Miss Katherine Child, Boston, one dozen Victor records; Mr. M. A. Manchester, Lowell, magazines; Mr. Wallace Hood, Danvers, magazines; Mr. M. A. Bowes, Danvers, magazines; publishers "Youth's Companion," three copies of each issue; the laboratory force donated a clock for laboratory use; 27 concerts, entertainments, etc., were given in the entertainment hall during the year.

#### GRATUITOUS SERVICES.

Rev. Robert A. MacFadden, Danvers, several lectures with stereopticon; Sawyer Club of Danvers; Danvers Mandolin Club of Danvers.

Protestant services have been held every Sunday afternoon during the year. Catholic services have been conducted three Sundays each month by Rev. Father Dequidt. For their services clergymen have received \$5 for each service. Rev. Father Sullivan has gratuitously responded to all sick calls.

#### RECOMMENDATIONS.

Additional floor space is greatly needed in the laundry, the present building being overcrowded by the increased work thrown upon this department because of the larger number of patients. By adding a second story to the present building, rooms for sorting, mending and storing clothing can be secured away from the moist, steam-laden atmosphere always prevalent on the ground floor. There patients' surplus clothing could be stored with responsible custodians, while with only the many small ward clothing rooms now available for storage losses frequently result.

Before the walls of the present laundry structure can be extended higher, they will necessarily have to be repaired and reinforced. As a matter of fact, the old walls should be repaired and strengthened without delay if no additional weight is to be added, since rain water has worked into the air spaces and crevices, disintegrating bricks and starting the outside walls away from their original position. Estimates of the cost of the proposed repairs and additions, based upon architect's plans and specifications, have been obtained, and I recommend that an appropriation of \$11,000 be solicited for this purpose.

The hospital faces the southwest, while the public approaches are on the northeast side of the buildings. Consequently, to save distance nine out of ten visitors come into the institution from the rear side. Because of this constant use of the rear approach and entrance, which increases each year, alterations and improvements are very much needed. A fair sized receiving room can be had by removing the walls of several small rooms and corridors, but a new entrance and vestibule should be provided. Then the rear center drive and walk should be widened and paved. Walls or screens should be erected to cover uninviting objects. Such improvements seem to be demanded both to contribute to the convenience and comfort of patients' friends and the business public, as well as to more fittingly characterize the public entrance to a conspicuous State institution. I would recommend, if legislative authority to institute such changes be necessary, that such a request be made to the Legislature at its coming session.

#### Conclusions.

I hereby gratefully acknowledge the meritorious work that has been accomplished the past year by the individual members of the medical staff and other subordinate officials.

I also desire to record my appreciation of the faithful, devoted service that has been rendered by the great majority of the nurses, attendants and other employees. And to your Board, collectively and individually, I have to express my gratitude for continued encouragement and support.

Respectfully submitted,

CHARLES W. PAGE.

Nov. 30, 1909.

### SALARIES OF OFFICERS.

#### RESIDENTS. Superintendent (per annum), Assistant physician (per annum), . \$3,000 00 . 1,500 00 . 1,400 00 . 1,000 00 . 800 00 . 600 00 Assistant physician and pathologist (per annum), . . . . 1,200 00 Assistant pathologist (per annum), . . . . 600 00 Interne (per annum), . . . . Steward (per annum), . . . 600 00 . 1,200 00 Nonresident. Treasurer and clerk (per annum), . . . . . . . . . . . \$1,200 00

39 00

## WAGES OF EMPLOYEES.

#### Residents. Superintendent's clerk and usher (per month), \$35 00 Assistant clerk and usher (per month), 2, at 25 00 Pharmacist (per month), . . . . 35 00 Treasurer's assistant (per annum), . 400 00 Male supervisor (including house, per month), 60 00 Assistant male supervisor (per month), 40 00 Female supervisor (per month), . . 50 00 Assistant female supervisor (per month), 1, at . 45 00 Assistant female supervisor (per month), 1, at 40 00 Attendants (full quota, male, 60, per month), . \$25 00 to 40 00 Attendants (full quota, female, 70, per month), . 20 00 to 35 00 Musicians (per month), 25 00 Housekeepers (per month), \$27 00 to 30 00 Seamstresses (per month), 18 00 to 30 00 Laundry men (per month), 20 00 to 50 00 Laundry girls (per month), 16 00 to 20 00 Cooks, male (per month), 30 00 to 60 00 Cooks, female (per month), 22 00 to 40 00 Kitchen men (per month), 20 00 to 22 00 Kitchen girls (per month), 16 00 to 20 00 Waitresses (per month), . 16 00 to 20 00 Chambermaids (per month), 16 00 to 20 00 Bakers (per month), . 30 00 to 60 00 Basement men (per month), . 18 00 to 22 00 Porter (per month), . 50 00 Farm hands (per month), \$20,00 to 30,00 Hostlers (per month), . 20 00 to 25 00 Gardener (per month), . 55 00 Gardener's assistant (per month), 20 00 Assistant engineers (per day), . 2.35Waiters (per month), . . . \$25 00 to 30 00 Janitor (per month), 28 00 Nonresidents. Engineer (including house, per week), . . \$25 00 Farmer (including house, per month), . . . 100 00

Coachman (including house, per month), .

| Carpenter (including house,   | per da | y), |  | . \$3 00       |
|-------------------------------|--------|-----|--|----------------|
| Carpenters (per day), .       |        |     |  |                |
| Assistant engineers (per day) |        |     |  |                |
| Firemen (per day), .          |        |     |  |                |
| Electrician (per day), .      |        |     |  | . 2 95         |
| Machinists (per day), .       |        |     |  | \$2 15 to 3 50 |
| Farm hands (per month),       |        |     |  |                |
| Plumbers (per day),           |        |     |  |                |
| Plumbers' helpers (per day),  |        |     |  |                |
| Blacksmith (per day), .       |        |     |  | . 3 00         |
| Mason (including house, per   | day),  |     |  | . 2 50         |
| Masons (per day), .           |        |     |  | . 2 80         |
| Masons' helpers (per day),    |        |     |  | \$1 75 to 2 00 |
| Painters (per day), .         |        |     |  | . 2 25         |
| Laborers (per day),           |        |     |  | \$1 50 to 2 00 |
| Night watchman (per month     | ), .   |     |  | . 40 00        |
| Shoemaker (per month), .      |        |     |  | . 26 00        |

\$1,905,797\_40

# VALUATION.

Nov. 30, 1909.

| Land,  |          |
|--|----------|
| ,  | $\Omega$ |
| Buildings,   | UU       |
|  |          |
| Personal Estate.                                   |          |
| Provisions and groceries, 6,727                    | 33       |
| Ready-made clothing,                               | 26       |
| Dry goods:—  |          |
| For clothing,                                      | 89       |
| For bedding, etc.,                                 | 66       |
| Furnishings:—                                      |          |
| Bed and bedding in inmates' department, 29,686     | 52       |
| Other furnishings in inmates' department,          | 28       |
| Personal property of State in superintendent's de- |          |
| partment,  |          |
| All other property,                                | 32       |
| Fuel,  |          |
| Machinery and mechanical fixtures, 82,107          | 81       |
| Farm, stable and grounds:—                         |          |
| Live stock on the farm,                            | 00       |
| Products of the farm on hand,                      | 50       |
| Carriages and agricultural implements, 6,515       | 46       |
| All other property, 4,211                          | 27       |
| Drugs and medicine,                                | 53       |
| Tobacco,   | 05       |
| Library,   | 00       |
| Other supplies undistributed, 4,957                | 73       |

\$5.256 OO

## PRODUCTS OF THE FARM AND GARDEN

FOR THE YEAR ENDING NOV. 30, 1909.

#### FARM.

| 292   | tons English     | hay, at \$1 | 18,    |        |       |      | • * |   | \$5,256 | 00 |
|-------|------------------|-------------|--------|--------|-------|------|-----|---|---------|----|
| 25    | tons meadow      | hay, at \$  | 6,     |        |       |      |     |   | 150     | 00 |
|       | tons ensilage,   |             |        |        |       |      |     |   | 2,660   | 00 |
| 85    | tons green for   | dder, alfal | fa, at | \$6,   |       | •    |     |   | 510     | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 275     | 00 |
| 9     | tons green for   | dder, barl  | ey and | l vetc | h, at | \$6, |     |   | 54      | 00 |
| 14    | tons green for   | dder, clov  | er, at | \$6,   |       |      |     |   | 84      | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 275     | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 80      | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 175     | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 180     | 00 |
|       | tons green for   |             |        |        |       |      |     |   | 396     | 00 |
|       | tons green for   |             |        |        |       | \$6, |     |   | 222     | 00 |
|       | cords manure     |             |        |        |       |      |     |   | 3,600   | 00 |
|       | barrels hen m    |             |        |        |       |      | :   |   | 300     | 00 |
|       | tons ice, at \$3 |             |        |        |       |      |     |   | 2,400   | 00 |
|       | barrels apples   |             |        |        |       |      |     |   | 900     | 00 |
|       | bushels pears    |             |        |        |       | •    | •   |   | 20      | 00 |
|       | pounds beef,     |             |        |        |       |      |     |   | 144     | 00 |
|       | pounds beef,     |             |        |        |       |      |     |   | 1,168   | 30 |
|       | pounds pork,     |             |        |        |       |      |     |   | 3,728   | 08 |
|       | pounds chick     |             |        |        |       |      |     |   | 515     | 90 |
|       | pounds duck,     |             |        |        |       |      |     |   | 32      | 55 |
|       | gallons cider,   |             |        |        |       |      |     |   | 86      | 20 |
|       | gallons vineg    |             |        |        |       |      |     |   | 146     | 28 |
|       | quarts milk,     |             |        |        |       |      |     |   | 14,543  | 15 |
| 5,059 | dozen eggs, a    | t \$0.35,   |        |        |       |      |     |   | 1,770   | 65 |
|       | Sold:—           |             |        |        |       |      |     |   |         |    |
|       |                  | •           |        |        |       |      |     |   | 3       | 00 |
|       | Calves, .        |             |        |        |       |      |     |   | 153     | 00 |
|       | Ice,             | •           |        |        |       |      |     |   | 270     | 18 |
|       |                  |             |        |        |       |      |     | _ |         |    |

\$40,098 29

## GARDEN.

| 15              | boxes asparagus, at \$4.25,      |         |     |   | \$63 | 75 |
|-----------------|----------------------------------|---------|-----|---|------|----|
| 25              | bushels beans, dry, at \$2.25,   |         |     |   | 56   |    |
| 250             | bushels beans, string, wax, at   | \$1,    |     |   | 250  | 00 |
| 635             | bushels beets, at \$0.50, .      |         |     |   | 317  | 50 |
| $37\frac{3}{4}$ | tons cabbage, at \$20, .         |         |     |   | 755  |    |
| 1,020           | bushels carrots, at \$0.60,      |         |     |   | 612  | 00 |
| 200             | boxes cauliflower, at \$1, .     |         |     |   | 200  | 00 |
| 30              | boxes celery, at \$0.85, .       |         |     |   | 25   | 50 |
| 100             | bushels chard, at \$0.35, .      |         |     |   | 35   |    |
| 155             | bushels corn, green, at \$0.75,  |         |     |   | 116  |    |
| 35              | boxes cucumbers, at \$2, .       |         |     |   | 70   | 00 |
| 56              | boxes lettuce, at \$0.75, .      |         |     |   | 42   | -  |
| 650             | bushels mangels, at \$0.25,      |         |     |   | 162  | 50 |
| 400             | bushels onions, at \$0.85, .     |         |     |   | 340  | 00 |
| 280             | bushels parsnips, at \$0.75,     |         |     |   | 210  | 00 |
| 300             | bushels peas, at \$1,            |         |     |   | 300  | 00 |
| 100             | bushels potatoes, at \$0.95,     |         |     |   | 95   | 00 |
| 300             | dozen bunches radishes, at \$0.  | 25,     |     |   | 75   | 00 |
| 5,500           | pounds rhubarb, at \$0.02,       |         |     |   | 110  | 00 |
| 25              | bushels scullions, at \$0.50,    |         |     |   | 12   | 50 |
| 500             | bushels spinach, at \$0.40,      |         |     |   | 200  | 00 |
| 35              | barrels squash, summer, at \$1,  |         |     | : | 35   | 00 |
| 425             | bushels tomatoes, ripe, at \$0.7 | 5,      |     |   | 318  |    |
| 100             | bushels tomatoes, green, at \$0  | .50,    |     |   | 50   | 00 |
|                 | barrels turnips, at \$1.25, .    |         |     |   | 600  | 00 |
| 300             | bushels sugar beets for cattle,  | at \$0. | 25, |   |      | 00 |
| 360             | pounds grapes, at \$0.03, .      |         |     |   | 10   | 80 |
| 2,000           | boxes strawberries, at \$0.08,   |         |     |   | 160  | 00 |
|                 | Sold:—                           |         |     |   |      |    |
|                 | Dandelions,                      |         |     |   | 25   | 00 |
|                 |                                  |         |     |   |      |    |

\$5,322 80

# TREASURER'S REPORT.

To the Trustees of the Danvers State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909:—

|                               | CAS | sh Accoun   | т. |             |              |
|-------------------------------|-----|-------------|----|-------------|--------------|
| Balance, Dec. 1, 1908,        |     |             |    |             | \$4,973 73   |
|                               |     | D : (       |    |             |              |
| $Institution \ Receipts.$     |     | Receipts.   |    |             |              |
| Board of inmates: —           |     |             |    |             |              |
| Private,                      |     | \$41,190    | 51 |             |              |
| Reimbursements, .             | •   | 22,317      |    |             |              |
| Cities and towns, .           | •   | 328         |    |             |              |
| Civics and towns,             | •   |             |    | \$63,835 92 |              |
| Salaries, wages and labor: —  |     |             |    | \$00,000 02 |              |
| Wages not called for, .       |     |             |    | 5 75        |              |
| Sales: —                      | •   |             | •  | 0 10        |              |
| Food,                         |     | \$338       | 22 |             |              |
| Clothing and materials,       |     | 500         |    |             |              |
| Furnishings,                  | •   |             | 00 |             |              |
| Heat, light and power,        | •   | 179         |    |             |              |
| Repairs and improvements,     |     | 283         |    |             |              |
| Miscellaneous,                |     | 220         |    |             |              |
| i i                           | •   |             |    | 1,545 65    |              |
| Farm, stable and grounds: —   |     |             |    | 2,010 00    |              |
| Cows and calves, .            |     | \$153       | 00 |             |              |
| Pigs and hogs,                |     |             | 00 |             |              |
| Hides,                        |     | 225         |    |             |              |
| Ice,                          |     | 376         |    |             |              |
| Vegetables, . ,               |     |             | 00 |             |              |
| Use of teams,                 |     | 414         |    |             |              |
| Sundries,                     |     |             | 38 |             |              |
|                               |     |             |    | 1,220 91    |              |
| Miscellaneous receipts: —     |     |             |    | -,          |              |
| Interest on bank balances,    |     | \$314       | 36 |             |              |
| Rent,                         |     | 32          | 00 |             |              |
| Sundries,                     |     | 7           | 93 |             |              |
|                               |     |             |    | 354 29      |              |
|                               |     |             |    |             | 66,962 52    |
| Receipts from Treasury of     | Con | imonwealth. |    |             | , i          |
| Maintenance appropriations: — |     |             |    |             |              |
| Balance of 1908, .            |     |             |    | \$13,273 47 |              |
| Advance money,                |     |             |    | 20,000 00   |              |
| Approved schedules of 1909    | ),  |             |    | 270,304 89  |              |
|                               |     |             |    |             | 303,578 36   |
| Special appropriations, .     |     |             |    |             | 9,696 84     |
|                               |     |             |    |             |              |
| Total,                        |     |             |    |             | \$385,211 45 |

|  |        | Paym   | ents.   |      |                |         |           |    |
|--|--------|--------|---------|------|----------------|---------|-----------|----|
| To treasury of Commonwealth, i   | instit | ution  | receip  | ts.  | \$66,962       | 52      |           |    |
| Maintenance appropriations: —  |        |        | - 1     | ,    | ,              |         |           |    |
| Balance November schedul   |        | 08,    |         |      | 18,471         | 45      |           |    |
| Eleven months' schedules,  | 1909   | , .    |         |      | 270,304        | 89      |           |    |
| November advances, .   |        |        |         |      | 8,936          |         |           |    |
| ,  |        |        |         |      |                |         | \$364,675 | 84 |
| Special appropriations:  |        |        |         |      |                |         |           |    |
| Approved schedules (\$9,69   | 96.84  | , less | adva    | nces | of Novemb      | er,     |           |    |
| 1908, \$224.25),   |        |        |         |      |                |         | 9,472     | 59 |
| Balance Nov. 30, 1909: —   |        |        |         |      |                |         |           |    |
|  |        |        |         |      | \$10,518       | 69      |           |    |
| In bank, In office,  | •      |        |         |      | φ10,516<br>544 | 20      |           |    |
| In office,   | •      | •      | ٠       | ٠    | 544            | 39      | 11,063    | 02 |
|  |        |        |         |      |                |         | 11,003    | 02 |
| Total,   |        |        |         |      |                |         | \$385,211 | 45 |
| iotai,   | •      | •      | •       | •    | • •            | •       | φυσυ,211  | 70 |
|  | M      | AINTEN | ANCE    |      |                |         |           |    |
| Appropriation,   |        |        |         |      |                |         | \$294,000 | 00 |
| Appropriation, Expenses (as analyzed below),                           |        | ·      | ·       | •    |                | •       |           |    |
| Expenses (as analyzed below);  | •      | •      | •       | •    | •              | •       |           |    |
| Balance reverting to treasu  | rv of  | Comr   | nonwe   | alth |                |         | \$107     | 48 |
| Butuned reversing to treasu  | 1, 01  |        | 1101111 |      | ,              | •       | Ψ.σ.      | 10 |
| A  | nalu   | sis of | Expen   | ses. |                |         |           |    |
| Salaries, wages and labor:   |        | ,      |         |      |                |         |           |    |
| General administration,  |        |        |         |      | \$30,884       | 03      |           |    |
| 25 21 1 1  |        |        |         |      | 12,639         |         |           |    |
| Medical service, .<br>Ward service (male), .<br>Ward service (female), |        |        |         |      | 18,773         |         |           |    |
| Ward service (female).   |        |        |         |      | 20,613         |         |           |    |
| Repairs and improvements,  |        |        |         |      | 14,769         |         |           |    |
| Farm, stable and grounds,  |        |        |         |      | 13,103         |         |           |    |
| ,  |        |        |         |      |                |         | \$110,782 | 56 |
| Food: —  |        |        |         |      |                |         |           |    |
| Butter,  |        |        |         |      | \$9,820        | 42      |           |    |
| Beans,   |        |        |         |      | 1,856          | 00      |           |    |
| Bread and crackers, .  |        |        |         |      | 702            | 20      |           |    |
|  |        |        |         |      | 1,948          | 95      |           |    |
| Uneese,  |        |        |         |      | 781            | 16      |           |    |
| Eggs,  |        |        |         |      | 2,037          | 60      |           |    |
| Flour,   |        |        |         |      | 14,905         | 26      |           |    |
| Fish,  |        |        |         |      | 2,695          | 43      |           |    |
| Fruit (dried and fresh),   |        |        |         |      | 2,193          | 24      |           |    |
|  |        |        |         |      | 16,859         | 89      |           |    |
| Milk,  |        |        |         |      | 770            | 97      |           |    |
| Molasses and syrup, .  |        |        |         |      | 1,213          | 56      |           |    |
| Sugar,   |        |        |         |      | 3,167          | 21      |           |    |
| Tea, coffee, broma and coco  | a,     |        |         |      | 1,838          | 35      |           |    |
| Vegetables,  |        |        |         |      | 5,209          | 44      |           |    |
| Sundries,  |        |        |         |      | 1,274          | 00      |           |    |
|  |        |        |         |      |                |         | 67,273    | 68 |
| Clothing and materials: —  |        |        |         |      |                |         |           |    |
| Boots, shoes and rubbers,  |        |        |         |      | \$1,872        | 17      |           |    |
| Clothing,  |        |        |         |      | 8,801          | 97      |           |    |
|  |        |        |         |      |                | <b></b> |           | _  |
| Amounts carried forward,   |        |        |         |      | \$10,674       | 14      | \$178,056 | 24 |

| Amounts brought forward,                                       |     |   | \$10,674 14 | \$178,056 24 |
|--|-----|---|-------------|--------------|
| Clothing and materials : — Con.                                |     |   |             |              |
| Dry goods for clothing and small ward                          | es. |   | 2,601 22    |              |
| Furnishing goods,  |     | · | 353 10      |              |
|  | •   | • | 221 05      |              |
| Hats and caps,   | •   | • | 220 34      |              |
| Leather and shoe midnigs,                                      | •   | • |             |              |
| Sundries,  | •   | • | 2 00        | 14 071 95    |
| Furnishings: —   |     |   |             | 14,071 85    |
| Beds, bedding, table linen, etc., .                            |     |   | \$6,792 90  |              |
| Deus, bedding, table linen, etc.,                              | •   | • |             |              |
| Brushes, brooms,   | •   | • | 631 15      |              |
| Carpets, rugs, etc.,   | •   | • | 1,853 51    |              |
| Crockery, glassware, cutlery, etc.,                            | •   | • | 1,122 39    |              |
| Furniture and upholstery,                                      |     |   | 434 89      |              |
| Kitchen furnishings,   |     |   | $920 \ 25$  |              |
| Wooden ware, buckets, pails, etc.,                             |     |   | 417 29      |              |
| Sundries,  |     |   | 884 50      |              |
|  |     |   |             | 13,056 88    |
| Heat, light and power: —                                       |     |   |             |              |
| Coal,  |     |   | \$17,998 85 |              |
| Freight on coal,   |     |   | 3,223 58    |              |
| Gas,   |     |   | 519 18      |              |
| Oil,   |     |   | 545 62      |              |
| Sundries,  | •   | • | 512 78      |              |
| Studies,   | •   | • | 012 78      | 22,800 01    |
| Repairs and improvements: —                                    |     |   |             | 22,000 02    |
| Brick,   |     |   | \$569 89    |              |
| 0 11 1 1   |     | • | 753 14      |              |
| Cement, lime and plaster,                                      | •   | • |             |              |
| Doors, sashes, etc.,   | •   | • | 35 05       |              |
| Electrical work and supplies, .                                | •   | • | 1,614 63    |              |
| Hardware,  | •   | • | 2,519 64    |              |
| Lumber,  | •   | • | 2,193 95    |              |
| Machinery, etc.,   |     |   | 3,321 22    |              |
| Machinery, etc.,   |     |   | 3,274 19    |              |
| Plumbing, steam fitting and supplies,                          |     |   | 8,337 12    |              |
| Roofing and materials,   | -   |   | 675 74      |              |
| Sundries,  |     |   | 6,774 71    |              |
|  | ·   | · |             | 30,069 28    |
| Farm, stable and grounds: -                                    |     |   |             |              |
| Blacksmith and supplies, Carriages, wagons, etc., and repairs, |     |   | \$252 65    |              |
| Carriages, wagons, etc., and repairs,                          |     |   | 241 13      |              |
| Fertilizers, vines, seeds, etc.,                               |     |   | 2,682 94    |              |
| Hay, grain, etc.,  |     |   | 8,204 37    |              |
| Harnesses and repairs,   | •   | • | 203 77      |              |
| YY   | •   | • | 184 00      |              |
|  | •   | • | 848 00      |              |
| Cows,  | •   | • |             |              |
| Other live stock,  | •   | • | 286 00      |              |
| Tools, farm machines, etc.,                                    | •   | • | 633 33      |              |
| Sundries,  | ٠   | • | 1,494 78    |              |
| Mi-cellengere  |     |   |             | 15,030 97    |
| Miscellaneous: —   |     |   | 0000 10     |              |
| Books, periodicals, etc.,                                      | •   | • | \$800 18    |              |
| Chapel services and entertainments,                            |     |   | 847 50      |              |
| Freight, express and transportation,                           |     |   | 2,275 $75$  |              |
| Gratuities,  |     |   | 340 50      |              |
|  |     |   | 04.000.00   | 2079 007 00  |
| Amounts carried forward,                                       | •   | • | \$4,263 93  | \$273,085 23 |

| Amounts brought forward,                     |            | \$4,263 9  | 3 \$273,085 23 |
|--|------------|------------|----------------|
| Miscellaneous : — Con.                       |            |            |                |
| Medicines and hospital supplies,             |            | 3,693 9    | 1              |
| Medical attendance, nurses, etc. (extra),    |            | 54 0       | 0              |
| Postage,                                     |            | 535 4      | 1              |
| Printing and printing supplies,              |            | 78 4       | 6              |
| Printing annual report,                      |            | 176 3      | 5              |
| Return of runaways,                          |            | 81 7       | 2              |
| Soap and laundry supplies,                   |            | 2,876 2    | 9              |
| Stationery and office supplies,              |            | 1,011 8    | 2              |
| School books and school supplies,            |            | 127 6      | 0              |
| Travel and expenses (officials),             |            | 383 2      | 1              |
| Telephone and telegraph,                     |            | 842 4      | 5              |
| Tobacco,                                     |            | 859 2      | 8              |
| Water,                                       |            | 4,842 2    |                |
| Sundries,                                    |            | 980 6      | 2              |
|  | -          |            | - 20,807 29    |
|  |            |            |                |
| Total expenses for maintenance, .            |            |            | . \$293,892 52 |
| SPECIAL APPROPRI                             | ATIONS.    |            |                |
| Balance Dec. 1, 1908,                        |            |            | . \$9,696 84   |
| Expended during the year (see statement anne | exed),     |            | . \$9,696 84   |
|  | ,,         |            |                |
| RESOURCES AND LIA                            | ABILITIES. |            |                |
| Resources.                                   |            |            |                |
|  |            |            |                |
|  | • .        | \$11,063 0 |                |
| November cash vouchers (paid from advance me |            | 8,936 9    | 8              |
| Due from treasury of Commonwealth acco       |            | 0 = 0 = 0  | 0              |
| November, 1909, schedule,                    |            | 3,587 6    |                |
|  |            |            | - \$23,587 63  |
| Liabilities.                                 | •          |            |                |
| Schedule of November bills,                  |            |            | . \$23,587 63  |

Special Appropriations.

| Оватест.                      | Act or Resolve.                              | Whole Amount. | Expended during<br>Fiscal Year. | Expended to Date. | Balance at End<br>of Year. |
|-------------------------------|--|---------------|---------------------------------|-------------------|----------------------------|
| Water tower and fire service, | Acts 1907, chap. 555, \$15,000 00 \$9,696 84 | \$15,000 00   | \$9,696 84                      | \$15,000 00       | 1                          |

# Respectfully submitted,

# SCOTT WHITCHER,

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

# WARREN A. MERRILL, Assistant Supervisor of Accounts.



## STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



# 1. — General Statistics of the Year.

|   |  | INSANE.  |  | DIPS   | DIPSOMANIACS AND INEBRIATES.   | AND  | Vo     | VOLUNTARY, NOT<br>INSANE. | NOT     | A   | AGGREGATES.  | ri e   |
|---|--|--|--|--------|--|--|--------|---------------------------|---------|---|--|--|
|   | Males.   | Females.   | Totals.  | Males. | Females.   | Totals.  | Males. | Females.                  | Totals. | Males.  | Females.   | Totals.  |
| Admitted within the year,  Viz.: by commitment,  by transfer,  by transfer,  by escape,  from Visit,  Whole number of cases within the year,  Viz.: discharged within the year,  sa recevered,  as improved,  as improved,  as un improved,  as on innance,  died,  transferred,  transferred,  as not masne,  died,  transferred,  about on elopement, Oct. 1, 1909,  absent on visit, particular,  as town visit, particular,  sa town visit, particular,  as town patients,  as private patients,  Number of different persons within the year,  Number of different persons admitted.  Number of different persons admitted,  Number of persons patients,  fown patients,  fown patients,  fown patients,  reimbursing patients, | 250<br>250<br>250<br>250<br>250<br>250<br>250<br>250 | 783<br>346<br>315<br>9 9<br>11,129<br>1295<br>123<br>123<br>123<br>123<br>123<br>14,02<br>14,02<br>17,7<br>17,7<br>17,02<br>17,02<br>17,02<br>17,02<br>17,02<br>17,02<br>17,02<br>17,02<br>17,02<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17,03<br>17 | 1,379<br>200<br>200<br>200<br>2,001<br>2,001<br>2,001<br>2,001<br>1,432<br>1,432<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261<br>1,432.269<br>1,165.261 |        | 48.80<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1.1977<br>1 | 9.44.009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.0009<br>1.11.00 | 0.0833 | 1.00001                   |         | 596<br>3867<br>3111<br>111<br>102<br>337<br>317<br>318<br>318<br>318<br>318<br>318<br>318<br>318<br>318<br>318<br>318 | 790<br>710<br>711<br>717<br>717<br>717<br>717<br>717<br>71 | 1,386<br>(1,1386<br>(1,1096<br>(1,1096<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1,1096)<br>(1 |

1 Nominally admitted for discharge; from visit, 4 males, 19 females; from clopement, 4 males; total, 27.

### 2. — Insane received on First and Subsequent Commitments.

|                           |        |        |        |      |     |     | CA     | SES COMMITT | ED.              |
|---------------------------|--------|--------|--------|------|-----|-----|--------|-------------|------------------|
| NUMBER O                  | FC     | OMN    | HTM    | ENT  | rs. |     | Males. | Females.    | Totals.          |
| First to this hospital, . |        |        |        |      |     | .   | 317    | 265         | 582              |
| Second to this hospital,  |        |        |        |      |     | .   | 20     | 34          | 54               |
| Third to this hospital,   |        |        |        |      |     | .   | 4      | 7           | 11               |
| Fourth to this hospital,  |        |        |        |      |     | .   | 1      | 4           | 5                |
| Fifth to this hospital,   |        |        |        |      |     |     | -      | -           | -                |
| Sixth to this hospital,   |        |        |        |      |     |     | -      | 1           | 1                |
| Seventh to this hospital, |        |        |        |      |     | .   | -      | 1           | 1                |
| Eighth to this hospital,  |        |        |        |      |     |     | -      | 2           | 2                |
| Ninth to this hospital,   |        |        |        |      |     |     | 1      | 1           | 2                |
| Total cases,              |        |        |        |      |     | . [ | 343    | 315         | 658 <sup>1</sup> |
| Total persons, .          |        |        |        |      |     |     | 341    | 311         | 652              |
| Never before in any hosp  | ital : | for th | ne ins | ane, |     |     | 288    | 246         | 534              |

<sup>&</sup>lt;sup>1</sup> Three persons committed as insane were found to be sane.

## 3.— Nativity and Parentage of Insane Persons first admitted to Any Hospital.

|  |  | Males  |   | F   | EMALE  | s.  | 1   | TOTAL:  | 3.   |
|--|--|--|---|---|--|---|---|---|--|
| PLACES OF NATIVITY.  | Patients.  | Fathers.   | Mothers.                                    | Patients.   | Fathers.   | Mothers.  | Patients.   | Fathers.  | Mothers.   |
| Massachusetts, Other New England States, Other States, Total native,   | 121<br>36<br>13<br>170   | 56<br>40<br>12<br>108  | 62<br>37<br>9<br>108                        | 93<br>28<br>13<br>134   | 46<br>34<br>8<br>88  | 47<br>33<br>10<br>90  | 214<br>64<br>26<br>304  | 102<br>74<br>20<br>196                          | 109<br>70<br>19<br>198                           |
| Other countries: — Austria, Azores, Barbadoes, Belgium, British Provinces, Denmark, England, Finland, France, Italy, Ireland, Germany, Greece, Norway, Poland, Portugal, Russia, Scotland, Sweden, | 1<br>2<br>-<br>1<br>31<br>-<br>8<br>1<br>-<br>11<br>42<br>3<br>2<br>1<br>3<br>1<br>7 | 1<br>3<br>-<br>1<br>36<br>-<br>14<br>1<br>1<br>12<br>77<br>6<br>2<br>1<br>3<br>2<br>7<br>5 | 1 4 4 - 1 43 - 13 1 - 12 75 6 2 1 3 1 7 2 1 | 1<br>1<br>1<br>1<br>33<br>-<br>13<br>1<br>-<br>2<br>38<br>1<br>-<br>-<br>-<br>8<br>5<br>6 | 1<br>1<br>1<br>40<br>-<br>17<br>1<br>-<br>4<br>66<br>3<br>-<br>1<br>-<br>8<br>6<br>6 | 1<br>1<br>1<br>1<br>38<br>-<br>17<br>1<br>-<br>3<br>67<br>1<br>-<br>-<br>-<br>8<br>7<br>6 | 2<br>3<br>1<br>2<br>64<br>-<br>21<br>2<br>-<br>13<br>80<br>4<br>2<br>1<br>3<br>1<br>15<br>6 | 196  2 4 1 2 76 - 31 2 16 143 9 2 2 3 2 15 11 7 | 198  2 5 1 2 81 - 30 2 - 15 142 7 2 1 3 1 15 9 7 |
| Sandwich Islands,  | 2 -  | 2<br>-<br>-  | 2 -   | 1   |  |   | 2<br>1  | 2<br>-<br>                                      | -<br>2<br>-<br>-                                 |
| Total foreign,   | 118<br>-<br>288  | 175<br>5<br>288  | 175<br>5<br>288                             | 112<br>-<br>246   | 156<br>2<br>246  | 152<br>4<br>246   | 230<br>-<br>534   | 331<br>7<br>534                                 | 327<br>9<br>534                                  |

### 4. — Residence of Insane Persons admitted by Commitment.

| ·                                       |        | T ADMI   |         |        | OTHER<br>MISSIO |         | 7      | TOTAL:   | 3.      |
|---|--------|----------|---------|--------|-----------------|---------|--------|----------|---------|
| PLACES.                                 | Males. | Females. | Totals. | Males. | Females.        | Totals. | Males. | Females. | Totals. |
| Essex County,                           | 133    | 177      | 250     | 24     | 30              | 54      | 157    | 147      | 304     |
| Middlesex County,                       | 92     | 92       | 184     | 22     | 22              | 44      | 114    | 114      | 228     |
| Worcester County,                       | 1      | -        | 1       | -      | -               | -       | 1      | 1        |         |
| Suffolk County,                         | 61     | 37       | 98      | 7      | 12              | 19      | 68     | 49       | 117     |
| Norfolk County,                         | 1      | -        | 1       |        | 1               | 1       | 1      | 1        | 2       |
| Totals,                                 | 288    | 246      | 534     | 53     | 65              | 118     | 341    | 311      | 652     |
| Cities or large towns (10,000 or over), | 272    | 288      | 500     | 47     | 59              | 105     | 319    | 287      | 606     |
| Country districts (under 10,000), .     | 16     | 18       | 34      | 6      | 6               | 12      | 22     | 24       | 46      |

### 5. — Civil Condition of Insane Persons first admitted to Any Hospital.

|              |  |  |  |  | Males. | Females. | Totals. |
|--------------|--|--|--|--|--------|----------|---------|
| Unmarried, . |  |  |  |  | 127    | 85       | 212     |
| Married, .   |  |  |  |  | 132    | 115      | 247     |
| Widowed, .   |  |  |  |  | 23     | 42       | 65      |
| Divorced, .  |  |  |  |  | 5      | 4        | 9       |
| Unknown, .   |  |  |  |  | 1      | -        | 1       |
| Totals, .    |  |  |  |  | 288    | 246      | 534     |

# 6. — Occupations of Insane Persons first admitted to Any Hospital. Males.

|                |     | -  |    |                   | _ |     |   |     |
|----------------|-----|----|----|-------------------|---|-----|---|-----|
| Agents, .      |     |    | 5  | Lawyer, .         |   |     |   | 1   |
| Army officer,  |     |    | 1  | Machinists, .     |   |     |   | 12  |
| Barbers, .     |     |    | 3  | Manufacturers,    |   |     |   | 3   |
| Bartender, .   |     | •  | 1  | Masons, .         |   |     |   | 5   |
| Blacksmiths,   |     |    | 2  | Meat cutters,     |   |     |   | 2   |
| Bookkeeper,    |     | ٠, | 1  | Morocco dressers, |   |     |   | 5   |
| Brakeman, .    |     |    | 1  | Musician, .       |   |     |   | 1   |
| Brokers, .     |     |    | 2  | Office boys, .    |   |     |   | 2   |
| Brush maker,   |     |    | 1  | Operatives, .     |   | ٠.  |   | 25  |
| Butcher, .     |     |    | 1  | Painters, .       |   |     |   | 9   |
| Carpenters, .  |     |    | 9  | Pedlers, .        |   |     |   | 8   |
| Cigar maker,   | • . |    | 1  | Physicians, .     |   |     |   | 2   |
| Collectors, .  |     |    | 2  | Policemen, .      |   |     |   | 2   |
| Conductor, .   |     |    | 1  | Porters, .        |   |     |   | 2   |
| Contractors,   |     |    | 2  | Printers, .       |   |     |   | 2   |
| Cooks, .       |     |    | 2  | Sailors, .        |   |     |   | 3   |
| Decorator, .   |     |    | 1  | Salesmen, .       |   |     |   | 7   |
| Detective, .   |     |    | 1  | Shoemakers,       |   | , . |   | 38  |
| Druggist, .    |     |    | 1  | Storekeeper,      |   |     |   | 1   |
| Electrician, . |     |    | 1  | Student, .        |   |     |   | 1   |
| Farmers, .     |     |    | 5  | Tailors, .        |   |     |   | 5   |
| Fireman, .     |     |    | 1  | Teamsters, .      |   |     |   | 10  |
| Fishermen, .   |     |    | 2  | Undertaker,       |   |     |   | 1   |
| Glass blower,  |     |    | 1  | Upholsterer,      |   |     |   | 1   |
| Harness maker, |     |    | 1  | Watchmen, .       |   |     |   | 2   |
| Hotel keeper,  |     |    | 1  | None, .           |   |     |   | 49  |
| Iron worker,   |     |    | 1  |                   |   |     | - |     |
| Jeweler, .     |     |    | 1  | Total, .          | • |     | • | 288 |
| Laborers, .    |     |    | 37 |                   |   |     |   |     |
|                |     |    |    |                   |   |     |   |     |

### Females.

| Artist, .     |   | 1  | Lecturers, .    |     |  | 2   |
|---------------|---|----|-----------------|-----|--|-----|
| Bookkeepers,  |   | 2  | Manicurist, .   |     |  | 1   |
| Clerks, .     |   | 5  | Nurses, .       |     |  | 5   |
| Compositor, . |   | 1  | Operatives, .   |     |  | 26  |
| Cooks, .      |   | 2  | School teachers | , . |  | 3   |
| Domestics, .  |   | 31 | Student, .      |     |  | 1   |
| Dressmakers,  |   | 7  | Stenographers,  |     |  | 2   |
| Housekeepers, |   | 23 | Waitress, .     |     |  | 1   |
| Housewives,   |   | 93 | None, .         |     |  | 39  |
| Laundress, .  | • | 1  | Total, .        | • . |  | 246 |

7. - Age of Insane at First Attack, Admission and Death.

|                             |          | FIRST A          | DMITTED T | FIRST ADMITTED TO ANY HOSPITAL. | PITAĻ.         |         |        |                  | DIED.          | D.     |                   |          |
|-----------------------------|----------|------------------|-----------|---------------------------------|----------------|---------|--------|------------------|----------------|--------|-------------------|----------|
| AGES.                       | AT       | AT FIRST ATTACK. | Ж.        | WHI                             | WHEN ADMITTED. | ъ.      | AT F   | AT FIRST ATTACK. | Ж.             | AT TI  | AT TIME OF DEATH. | тн.      |
|                             | Males.   | Females.         | Totals.   | Males.                          | Females.       | Totals. | Males. | Females.         | Totals.        | Males. | Females.          | Totals.  |
|                             | <u> </u> | 7                | 30        |                                 | 1              |         | 6      | -                | cr             |        | ı                 | ı        |
| 15 years and less.          | 9        | 75               | 3 ∞       | . 1                             | . 1            | ı       | 1      | + 1              | ) <del> </del> | 1      | 1                 | l        |
| From 15 to 20 years,        | 13       | 12               | 25        | 21                              | ∞              | 59      | C1     | ı                | 22             |        | 1                 | , I      |
| 20 to 25 years,             | 26       | 16               | 42        | 56                              | 19             | 45      | _      | ~                | ∞<br>∞         | 4      | က                 | _        |
| 25 to 30 years,             | 14       | 21               | 35        | 18                              | 18             | 36      |        | ນ                | 9              | _      | က                 | 4        |
| 30 to 35 years,             | 56       | 59               | 55        | 35                              | 39             | 74      | 15     | 6                | 24             | ∞ :    | 4                 | 15       |
| 35 to 40 years,             | 29       | 28               | 22        | 23                              | 35             | 28      | 10     | 9                | 16             | 12     | ∞                 | 25       |
| 40 to 50 years,             | 49       | 35               | 84        | 51                              | 33             | 84      | 16     | 13               |                | 15     | 15                | 08<br>30 |
| 50 to 60 years,             | 46       | 35               | 81        | 52                              | 38             | 06      | 14     | 15               |                | 17     | 01                | 27       |
| 60 to 70 years,             | 34       | 21               | 55        | 32                              | 24             | 26      | 73     | 12               | 35             | 18     | 15                | 333      |
| 70 to 80 years,             | 18       | 15               | 33        | 22                              | 21             | 43      | 13     | 15               | <br>58<br>     | 17     | 200               | 37       |
| Over 80 years,              | ಬ        | 2                | 12        |                                 | 10             | 17      | က      | 4                | 2              | ∞ .    | 12                | 50       |
| Totals,                     | 281      | 238              | 519       | 287                             | 245            | 532     | 101    | 87               | 188            | 101    | 06                | 191      |
| Unknown,                    | 9        | <u>~</u>         | 13        | 1                               | 1              | 1 0     | 1      | က                | က              | 1      | 1                 | 1        |
| Not insane,                 | -        | -                | 7         | -                               | -              | C1      | 1      | I                | 1              | ı      | I                 |          |
| Totals,                     | 288      | 246              | 534       | 288                             | 246            | 534     | 101    | 06               | 191            | 101    | 06                | 191      |
| Mean known ages (in years), | 63.72    | 38.22            | 37.47     | 35.40                           | 36.10          | 35.75   | 39.44  | 52.55            | 45.99          | 61.50  | 50.23             | 55.86    |
|                             |          |                  |           |                                 |                |         |        |                  |                |        |                   | 1        |

8. — Probable Cause of Mental Diseases in Persons first admitted to Any Hospital.

| SIS.                 |                            |            |                  |             |                     |            |                     |          |               |             |                       |              |        |                     |                   |             |           |
|----------------------|----------------------------|------------|------------------|-------------|---------------------|------------|---------------------|----------|---------------|-------------|-----------------------|--------------|--------|---------------------|-------------------|-------------|-----------|
|                      | tosis.                     | Totals.    |                  | 1           | 1                   | 4          | 99                  | 1        | 1             | 1           | 1                     | 1            | t      | 1                   | J                 | 1           | ı         |
|                      | ARTERIOSCLEROSIS.          | Females.   |                  | 1           | 1                   | 1          | 37                  | 1        | 1             | 1           | 1                     | 1            | t      | 1                   | 1                 | ı           | 1         |
|                      | ARTEI                      | Males.     |                  | 1           | 1                   | 4          | 53                  | 1        | 1             | 1           | 1                     | ı            | 1      | t                   | 1                 | 1           | 1         |
|                      | JE.                        | Totals.    |                  | 1           | 1                   | 26         | 13                  | ı        | 1             | 1           | ∞                     | 1            | 1      | 1                   | 1                 |             | eo.       |
| Š.                   | ALCOHOLIC<br>INTEMPERANCE. | Females.   |                  | 1           | ı                   | 19         | 10                  | ı        | 1             | ı           | 67                    | 1 9          | , 1    | 1                   | ı                 | ı           | 1         |
| G CAUSE              | AI                         | Males.     |                  | 1           | 1                   | 282        | ∞                   | 1        | 1             | 1           | 9                     | ı            | ı      | 1                   | 1                 | -           | က         |
| PREDISPOSING CAUSES. | ENCY.                      | Totals.    |                  |             | ı                   | 6          |                     | 1        | 1             |             | 34                    | 67           | 1      | 1                   | 1                 | ı           | ı         |
| PRE                  | NEUROTIC TENDENCY.         | Females.   |                  | -           | 1                   | 67         | 1                   | 1        | 1             | 1           | 30                    | 7            | 1      | 1                   | 1                 | 1           | 1         |
|                      | NEUROT                     | Males.     |                  | ı           | ı                   | -          | -                   | 1        | 1             | 1           | 4                     | 1            | 1      | 1                   | 1                 | 1           | - 1       |
|                      | Totals.                    |            | 1                | ı           | 4,                  | 67         | ı                   | ı        | 67            | 9           | 1                     | 1            | ı      | 1                   | 1                 | 61          |           |
|                      | HEREDITARY<br>TENDENCY.    | Females.   |                  | 1           | t                   | 63         | 63                  | 1        | 1             | 67          | 1                     | 1            | ı      | 1                   | 1                 | 1           | -         |
|                      | HE                         | Males.     |                  | 1           | 1                   | 2          | 1                   | 1        | 1             | 1           | 9                     | 1            | 1      | ı                   | ı                 | ı           | -         |
|                      |                            | Totals.    |                  | -           |                     | 26         | 99                  | 1        | 67            | œ           | 26                    | 4            | ಣ      |                     |                   | က           | 14        |
|                      | ADMITTED.                  | Females.   |                  |             | ı                   | 19         | 37                  | 1        | 1             | ∞           | 30                    | 4            | 61     | _                   | -                 |             | ũ         |
|                      | ¥                          | Males.     |                  | 1           |                     | 28         | 29                  | 1        | 61            | 1           | 26                    | 1            | _      | ı                   | 1                 | 67          | 6         |
|                      |                            |            |                  | ٠           |                     |            | •                   |          | ٠             | •           |                       |              | •      |                     | •                 |             | •         |
|                      |                            |            |                  |             |                     |            |                     |          |               |             |                       |              |        |                     |                   |             |           |
|                      | Š                          | Z<br>N     |                  |             |                     |            |                     |          |               |             |                       |              |        |                     |                   |             |           |
|                      |                            | A USES.    |                  |             | ř,                  |            |                     |          |               |             |                       |              |        |                     |                   |             |           |
|                      | 7                          | ت<br>ت     |                  |             | omen                |            |                     |          |               |             | efect                 |              |        | oiter,              | t,                |             |           |
|                      |                            | Z          | 1                |             | velor               |            | osis,               |          | ά,            |             | nal d                 |              |        | nie ge              | hea               |             |           |
|                      | 7                          | EXCITING C | ical:            | , nc        | d de                |            | sclere              |          | esior         | irth,       | ution                 | teric,       |        | haln                | re to             | tion,       | , Y,      |
|                      | ţ                          | ਬ          | A. — Physical: — | Abortion, . | Arrested developmen | Alcohol, . | Arteriosclerosis, . | Assault, | Brain lesion, | Childbirth, | Constitutional defect | Climacteric, | Drugs, | Exophthalmic goiter | Exposure to heat, | Exhaustion, | Epilepsy, |
|                      |                            |            | A.               |             |                     |            |                     |          |               |             |                       |              |        |                     |                   |             |           |

8. — Probable Cause of Mental Diseases in Persons first admitted to Any Hospital — Concluded.

| EXCITING CAUSES.  A.—Physical — Con.  Heredity.  B.—Mentalisock.  Typhoid fover.  B.—Mentalisock.  D. Typhoid fover.  B.—Mentalisock.  D. Typhoid fover.  B.—Mentalisock.  D. Typhoid fover.  D. Typhoid fo |                            |        |          |         |        | 1        |         |        | Ряв      | PREDISPOSING CAUSES. | g CAUSI | is.      |         |        |          |          |
|--|----------------------------|--------|----------|---------|--------|----------|---------|--------|----------|----------------------|---------|----------|---------|--------|----------|----------|
| The Control of the co |                            | V.     | DMITTED  |         | HE     | REDITARI |         | NEUROI | IC TEND  | ENCY.                | AL      | COHOLIC  | B.      | ARTEI  | RIOSCLER | osis.    |
| Con  |                            | Males. | Females. | Totala. | Males. | Females. | Totals. | Males. | Females. | Totals.              | Males.  | Females. | .elstoT | Males. | Females. | refaroT. |
| end,   | A.—Physical—Con. Heredity, | 27     | 1        | 27      | 27     | 1        | 27      | 2      | 1        | 63                   | 4       | 1        | 4       | 1      | 1        | 1        |
| Color   Colo   | Lactation,                 | 1      | -        | -       | 1      | -        | -       | 1      | ı        | 1                    | 1       | ı        | 1       | 1      | 1        | 1        |
| lead,  | Miscarriage,               | 1      | -        |         | 1      | 1        | 1       | 1      | 1        | 1                    | 1       | 1        | 1       | 1      | 1        | 1        |
| end,   | Pregnancy,                 | 1      | 1        | -       | 1      | 1        | ı       | 1      | 1        | 1                    | 1       | 1        | 1       | 1      | 1        | 1        |
| ead,   | Senility,                  | 17     | 17       | 34      | 1      | 4        | 4,      | _      | 1        | -                    | က       | 1        | က       | ro     | 1        | ro.      |
| ead,   | Septicamia,                | 1      | 1        | -       | 1      | 1        | 1       | 1      | -        | -                    | 1       | ı        | 1       | 1      | 1        | 1        |
| ead,   | Syphilis,                  | 17     | ಣ        | 20      | -      | ı        | -       | -      | 1        | -                    | 63      | 1        | 67      | 1      | 1        | 1        |
| cr,  | Trauma of head,            | 9      | 1        | 9       | က      | 1        | က       | 67     | ι        | 67                   | 1       | 1        | 1       | -      | 1        | -        |
| k,   | Typhoid fever,             | 1      | 1        | 1       | 1      | 1        | 1       | 1      | 1        | 1                    | 1       | 1        | 1       | -      | 1        | -        |
| ook,   | B. — Mental: — Grief,      | -      | -        | 67      | 1      | -        | -       | 1      | 1        | ı                    | 1       | 1        | 1       | 1      | 1        | 1        |
| and worry,   | Mental shock,              | 1      | 20       | ro      | 1      | 67       | 63      | 1      | 23       | 23                   | ı       | 1        | 1       | 1      | 1        | 1        |
|  | Overwork and worry,        | က      | 19       | 22      | 1      | 7        | 61      | ı      | 63       | 23                   | 1       | 1        | ı       |        | 1        | -        |
| 8,   | Unknown,                   | 89     | 87       | 155     | -      | 17       | 18      | 4      | 20       | 6                    | 4       | 1        | 4       | 1      | 1        | 1        |
|  | Not insane,                | 1      | -        | 62      | 1      | 1        | 1       | 1      | ı        | 1                    | ,       | í        | 1       | 1      | 1        | ı        |
|  | Totals,                    | 288    | 246      | 534     | 41     | 34       | 75      | 22     | 46       | 89                   | 109     | 26       | 135     | 41     | 37       | 78       |

9. — Probable Duration of Mental Disease before Admission.

|                                    | FIRST ADA | AITTED TO ANY | Hospital. |
|------------------------------------|-----------|---------------|-----------|
| PREVIOUS DURATION.                 | Males.    | Females.      | Totals.   |
| Congenital,                        | 14        | 17            | 31        |
| Under 1 month,                     | 63        | 29            | 92        |
| From 1 to 3 months,                | 38        | 39            | 77        |
| 3 to 6 months,                     | 33        | 21            | 54        |
| 6 to 12 months,                    | 54        | 34            | 88        |
| 1 to 2 years,                      | 29        | 34            | 63        |
| 2 to 5 years,                      | 25        | 31            | 56        |
| 5 to 10 years,                     | 11        | 19            | 30        |
| 10 to 20 years,                    | 7         | 7             | 14        |
| Over 20 years,                     | 3         | 7             | 10        |
| Totals,                            | 277       | 238           | 515       |
| Unknown,                           | 9         | 7             | 16        |
| Not insane,                        | 2         | 1             | 3         |
| Totals,                            | 288       | 246           | 534       |
| Average known duration (in years), | 1.67      | 2.61          | 2.14      |

10. — Form of Mental Diseases in Patients committed, discharged, with their Condition on Discharge, or died.

|            | JES<br>PHS.                | Totals.           | 081<br>080<br>11   0802   08   174   888   898   1   1   1   1   1   1   1   1   1   |
|------------|----------------------------|-------------------|--|
| TOTAL      | DISCHARGES<br>AND DEATHS.  | Females.          | 4 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
|            | AND                        | Males.            | 8311   |
|            |                            | Totals.           | 4 · · · · · · · · · · · · · · · · · · ·  |
|            | DIED.                      | Females.          | 11   11   12   14   1   1   100   100   111   111   121  |
|            |                            | Males.            | 441111128818118118118  |
|            |                            | Totals.           | 111111111111111111111111111111111111111  |
|            | NOT                        | Females.          | 111111111111111111111111111111111111111  |
|            |                            | Males.            |  |
|            | ED.                        | Totals.           |  |
|            | NOT<br>IMPROVED            | Females.          |  |
|            | IMI                        | Males.            | 101  |
| ED.        | ED.                        | .slatoT           | 20111110H11111 801181111111  |
| DISCHARGED | IMPROVED                   | Females.          | H   H  |
| DISCI      | IME                        | Males.            | 100  |
| -          | OF<br>RT.                  | Totals.           | 7550       101   102   1   1   1   1   1   1   1   1   1   |
|            | CAPABLE OF<br>ELF-SUPPORT  | Females.          | طبر ۱۱   است ۱۱   است المنظم |
|            | CAPABLE OF<br>SELF-SUPPORT | Males.            | क्का।।।छ।कछ।न।।। न।छन।।।।छ।।   |
|            | ED.                        | Totals.           | 21811111111111 86111111111   |
|            | RECOVERED.                 | Females.          | Ø1Ø11111111HHIII ØØ111111111   |
|            | REC                        | Males.            | Ö1111111111111111111111111111111111111   |
|            | BD.                        | Totals.           | \$44.0111080447614488 588 1488 1888 1888 1888 1888 1888  |
|            | COMMITTED                  | Females.          | 8212211111872488441000000000000000000000000000000000   |
|            | Coi                        | Males.            | 25.5<br>2.6<br>2.6<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7<br>2.7   |
|            |                            | FORMS OF DISEASE. | A.—First admitted to any hospital:— Aleoholic insanity:— Acute. Choren, Choren, Huntington's, Choren paralysis, Exophalmic goiter, General paralysis, Hysterical insanity, Involution melancholia, Manic depressive insanity; Manic depressive insanity; Manic depressive insanity, Manic dementia, Manic dementia, Paranoic dementia, Paranoic dementia, Paranoic paranic dementia, Paranoic paranic dementia, Paranoic paranic dementia, Paychopathic personality, Polymeurite definium, Polymeurite definium, Polymeurite definium, Polymeurite definium, Senile dementia,  |

| Touch insmity.—  Toucher admissions.  B. Other admissions.  Changis.  Changi |   |          |   |      |       |       |
|--|---|----------|---|------|-------|-------|
| introversionality.  228 246 554 18 12 30 24 42 66 23 13 36 13 20 33 1 1 1 2 8 72 160 167 20 107 20 1 | 7<br>-<br>19                            | 327      | 4811180811- 6011  | 8    | 417   | 414   |
| intity.  22 8 30 1 1 1 2   | 10                                      | 160      | 100   1   | 53   | 212   | 210   |
| inferiority.  29   | 91116                                   | 167      | 1   | 38   | 205   | 204   |
| injeriority.  288 246 584 18 12 30 24 42 66 23 13 36 13 20 33 1 1 2 88 14 15 1 1 1 2 88 14 15 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 01   1   10                             | 160      | [w]  o-∞    ww  01  44  | 31   | 161   | 191   |
| inferiority.    1  | -1118                                   | 72       | 100       44401       0100       141   101  | 18   | 06    | 06    |
| inferiority.    1  | -11100                                  | 88       | 11111010111 11- 1- 110 111  | 13   | 101   | 101   |
| intry.    1  | 11101                                   | 63       | 11111111111 1111  | -    | ಣ     | es -  |
| interiority,  222 8 246 534 18 12 30 24 42 66 23 18 36 13 20 33  sions:  11 2 1 2 2 2 4 42 66 23 18 36 13 20 33  sions:  12 2 3 5 1 1 2 3 2 4 6 6 33 18 36 13 20 33  sions:  13 3 2 5 5 1 2 3 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1  | 111-11                                  | -        |   | 1    | -     |       |
| ions:  288 246 534 18 12 3   | 111-1                                   | -        | 111111111111111111  | -    | 2     | 67    |
| ions:  28  | 111111                                  | 233      |   | 5    | 38    | 98    |
| ions:  22  | 1111=                                   |          | 1111111111111111111111111111111   | -    |       |       |
| anity,  anity,  222 8 30 1 1 2   | 11114                                   | 13       | 11111011111 111111111111111   | 4    |       |       |
| anity,  22   | 111164                                  | 36       | [-]     - 000         -   | 16   | 52    | _     |
| anity,  22 88 246 534 18 12 30 24 42 66 25 25 28 48 18 12 30 24 42 66 25 30 25 3    288 246 534 18 12 30 24 42 66 25 25 28 48 31 54 8 25 28 48 18 12 30 24 42 66 25 25 28 48 18 12 30 24 42 66 25 25 28 48 18 12 30 24 42 66 25 25 28 48 18 12 30 24 42 66 25 25 28 48 18 12 30 24 42 66 25 25 28 48 31 54 8 5 25 28 48 31 54 8 5 25 28 48 31 54 85 25 28 48 31 54 | 1111-                                   | <u> </u> |   | 10   |       |       |
| anity,  anity,  228 246 534 18 12 30 24 42 6  sions:  1  | 1111-                                   | 23       | 1-1111111   | 9    | 59    | 29    |
| anity,  anity,  222 88 246 534 118 12 30 24 4  sions:  128 246 534 118 12 30 24 4  inferiority,  16 20 36  | ∞ 1 1 ± 0                               | 99       | H41110111111 40111111111111   | 19   | 85    | 85    |
| anity,  22   | es — I I ≠e                             | 42       | 100     100   | 12   | 54    | 54    |
| anity,  anity,  22   | 1 1 1 1 1                               | 24       | =0111=1111 =0111111111111   | 7    | 31    | 31    |
| anity,  anity,  22   | 01110                                   | 8        | w11111111   | 18   | 48    | 48    |
| anity,  anity, |   | 12       | 01  | =    | 23    | 23    |
| intring, int | =111=                                   | 18       | HIIIIIII W  | 7    | 25    | 25    |
| anity, 222  288  sions:—  inferiority, 288  cox, 16  inferiority, 16  inferiority, 17  anity, 17  anity, 17  anity, 17  anity, 17  anity, 18  anity, 19  a | 302311                                  | 534      | ro∞-11∞-εε   929   -1   1   1   1   1   1   1   1   1   | 124  | 658   | 652   |
| anity, sions:— sity:— sify:— sify: sify, s | <del>□</del> = 1 = ∞                    | 246      | 11 10 11 11 11 11 11 11 11 11 11 11 11 1  | 69   | 315   | 311   |
| Toxic insanity:  Acute, Chronic, Traumatic insanity, Not insane, Unclassifed, Total  - Other admissions: Alcebolic insanity: Chronic, Chronic, Chronic, Chronic, Chronic, Chronic, Chronic, Delirium, pracox, Epileptic insanity, Delirium, Dementia pracox, Epileptic insanity, Involution melancholia, Manic-depressive insanity. Involution melancholia, Mixed, Mixed, Not insane, Organic dementia, Praconic condition, Praconic insanity, Proconic insanity, Proconic insanity, Presente insanity, Presente insanity, Presente insanity, Presente insanity, Presente insanity: Acute, Chronic, Unclassified, Totals, Totals, Totals,  | 22 1 3 1 1                              | 288      | ww-1100-1-1 -∞1-10-10-10-10-10-10-10-10-10-10-10-10-10  | 55   | 343   | 341   |
| Toxic insanity:— Acute, Chronic Traumatic insanity, Not insane, Unclassified, Totals, — Other admissions:— Aute, Chronic Amentia, Constitutional inferiority, Delirium, Delirium, Delirium, Maniacal, Maniacal, Manical, Manicale Manical, Ma |   | •        |   | •    |       | •     |
| Toxic insanity: — Acute, Chronic, Traumatic insanity, Not insane, Undassified, Totals, Alcoholic insanity: — Acute, Chronic, Constitutional inferiority, Delivium, Organic demeralysis, Hysterical insanity, Involution melancholia, Manic-depressed, Mixed, Depressed, Nixed, Depressed, Not insane, Organic demertia, Paranoic condition, Para |   |          |   |      |       |       |
| Toxic insanity: — Acute, Chronic, Traumatic insanity, Not insane, Unclassified, Totals, — Alcebolic insanity: — Acute, Chronic, Amentia, Constitutional inferiority, Delirium, Delirium, Delirium, Maniacal, Mariacal, Maniacal, Mariacal, M |   |          |   |      |       |       |
| Toxic insanity:— Chronic, Chronic, Chronic, Not insane, Not insane, Not insane, Acute, Chronic, Acute, Chronic, Acute, Chronic, Acute, Chronic, Chronic, Chronic, Chronic, Chronic, Chronic, Constitutional inferiority, Delirium, Organic dementia, Depressed, Not insane, Organic dementia, Paranoic condition, Chronic, Unclassified, Totals, Totals,   |   |          |   |      |       |       |
| Toxic insanity:  Acute, Chronic insanity, Not insane, Unclassified, Totals, Totals,  - Other admissions: Alcoholic insanity: Amentia, Constitutional inferic Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Organical paralysis, Hysterical insanity, Involution melanchol Manic-depressive ins. Manic-depressive ins. Manic-depressive ins. Manic-depressive ins. Manic-depressive ins. Antic of insanch, Depressive ins. Not insanch, Presenicie chemetia, Presenicie insanity, Presenicie insanity, Presenicie insanity, Presenicie insanity, Presenicie insanity: Corronic, Chronic, Unclassified, Totals, Chalssified, Totals, Chalssified   |   |          |   |      |       |       |
| Toxic insanity:  Chronic,  Chronic,  Chronic,  Chronic,  Traumatic insan  Not insane,  Alcoholic insanit  Autic,  Constitutional in  Delirum,  Organitational in  Not uisane  Organic dementi  Paranoic conditi  Correspie insanit  Paranoic conditi  Paranoic conditi  Correspie insanit  Paranoic conditi  Paranoic conditi  Correspie insanity:  Acute,  Chronic,  Unclassified,  Totals,  Chronic,  Unclassified,  Totals,   | ity,                                    |          | nns: nferight. x, x   |      |       |       |
| Toxic insan Chronic insan Chronic Traumatic Indussificd Traumatic Industrial Alcoholic in Alcoholic in Chronic, Constitution Delirium, Dementia publication of Chronic Industrial Industria | ity:                                    |          | inssic<br>sanii<br>nal ii<br>naco<br>sanii<br>alysi<br>nsan<br>mela<br>sssiv<br>i,<br>i,<br>i,<br>i,<br>ii,<br>oenti<br>notii,<br>oenti<br>notii,<br>ic pe<br>ntia,<br>ic pe<br>ic pe<br>i |      |       | ns,   |
| Toxic i Acut. Cho Traum Traum Traum Traum Traum Traum Toxic in Cho Acut. Cho Cho Delinit Delin | nsan<br>e,<br>nic,<br>atic i<br>ane,    | als,     | in i  | als, | ases, | erso  |
| E C C C C C C C C C C C C C C C C C C C  | Acut<br>Acut<br>Chro<br>aumor<br>of ins | Tot      | Other<br>coho<br>coho<br>coho<br>nenti<br>filin<br>ilipo<br>nera<br>syster<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci<br>voluci  | Tot  | ate   | ate 1 |
|  | d'i d'i                                 |          |   |      | ggreg | ggreg |

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

| ATES.                      | Totals.               | 361                       | 37                       | 6                       | က                        | ಣ                         | 2                         | -                         |                          |
|----------------------------|-----------------------|---------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| AGGREGATES.                | Females.              | 175                       | 22                       | ∞                       |                          |                           | 2                         |                           |                          |
| AG                         | Males.                | 186                       | 15                       | _                       | 2                        |                           | - 1                       | <br>                      | . 1                      |
|                            | Totals.               | 170                       | 17                       | 2                       | П                        | -                         | 1                         | 1                         | ı                        |
| DIED.                      | Females.              | 75                        | 13                       | -                       | . 1                      | -                         | I                         | 1                         | ı                        |
|                            | Males.                | 95                        | 4                        | -                       |                          | 1                         | 1                         | 1                         | 1                        |
| NE.                        | Totals.               | က                         | 1                        | I                       | ı                        | ı                         | 1                         | ı                         | 1                        |
| Not Insane.                | Females.              | 1                         | 1                        | 1                       | ı                        | 1                         | ı                         | ı                         | 1                        |
| Noz                        | Males.                | 2                         | I                        | I                       | 1.                       | ī                         | 1                         | ı                         | ı                        |
| VED.                       | Totala.               | 36                        | 2                        | ı                       | ı                        | 1                         | 1                         | 1                         | 1                        |
| Not improved.              | Females.              | 20                        | -                        | I                       | I                        | 1                         | I                         | ı                         | 1                        |
| Nor                        | Males.                | 16                        | -                        | - 1                     | 1                        | ı                         | 1                         | 1                         | 1                        |
| D.                         | Totals.               | 44                        | 4                        | -                       | 1                        | -                         | -                         | -                         | 1                        |
| IMPROVED.                  | Females.              | 18                        | -                        | -                       | ı                        | -                         | -                         | -                         | 1                        |
| IM                         | Males.                | 26                        | က                        | 1                       | ı                        | ı                         | ı                         | 1                         | 1                        |
| OF<br>ORT.                 | Totala.               | 71                        | 9                        | 4                       | 2                        | -                         | -                         | 1                         | 1                        |
| CAPABLE OF<br>SELF-SUPPORT | Females.              | 44                        | 4                        | 4                       | -                        | ı                         | -                         | ı                         | 1                        |
| CAI<br>SELF                | Males.                | 27                        | 2                        | 1                       | -                        | -                         | ı                         | 1                         | 1                        |
| ED.                        | Totala.               | 37                        | 00                       | 2                       | I                        | 1                         | ı                         | ı                         |                          |
| RECOVERED.                 | Females.              | 17                        | က                        | 2                       | ı                        | I                         | T.                        | 1                         | П                        |
| REC                        | Males.                | 20                        | 5                        | I                       | ı                        | 1                         | ı                         | .1                        | 1                        |
|                            | NUMBER OF ADMISSIONS. | First to this hospital, . | Second to this hospital, | Third to this hospital, | Fourth to this hospital, | Fifth to this hospital, . | Sixth to this hospital, . | Seventh to this hospital, | Eighth to this hospital, |

| 1                       | - 1                     | 417                | 414                    | 325   |
|-------------------------|-------------------------|--------------------|------------------------|---|
| 1                       | I                       | 212                | 210                    | 158   |
| 1                       | I                       | 205                | 204                    | 167   |
| ī                       | ı                       | 191                | 191                    | 158   |
| 1                       | I                       | 06                 | 06                     | 70  |
| 1                       | 1                       | 101 90 191 205 212 | 101 90 191 204 210 414 | 88 70 158 167 158   |
| ı                       | 1                       | က                  | က                      | 23  |
| 1                       | 1                       | Н                  | -                      | -   |
| 1                       | 1                       | 2                  | 23                     | п   |
| 1                       | ı                       | 38                 | 36                     | 33  |
| 1                       | I                       | 17 21              | 16 20                  | 20  |
| 1                       | 1                       | 17                 | 16                     | 13  |
| ī                       | 1                       | 52                 | 51                     | 18         12         30         24         41         65         23         14         37         13         20         33 |
| 1                       | 1                       | 23                 | 22                     | 14  |
| 1 1 1 1 1 1 1           | ı                       | 29                 | 59                     | 23  |
| 1                       | 1                       | 85                 | 85                     | 65  |
| 1                       | 1                       | 54                 | 54                     | 41  |
| ī                       | 1                       | 25 23 48 31 54     | 25 23 48 31            | 24  |
| ī                       | 1                       | 48                 | 48                     | 30  |
| 1                       | 1                       | 23                 | 23                     | 12  |
| 1                       | 1                       | 25                 | 25                     | 18  |
|                         | ital,                   |                    | ٠                      |   |
| dsoq s                  | dsoy s                  | rses,              | rotal persons,         | ted to  |
| to thi                  | to thi                  | Total cases        | tal p                  | dmiti<br>ital,  |
| Ninth to this hospital, | Tenth to this hospital. | To                 | To                     | First admitted to any hospital,   |

12. — Causes of Death and Form of Mental Disease in Persons who died.

| TY.                               | T'otals. |  | 1.1.1  |
|-----------------------------------|----------|--|--|
| SCILI                             | Females. | 11111111111111   | 1 1 1  |
| Imbecility                        | Males.   | 1111111111111  | 1 1 1  |
|                                   | Totals.  | 11.12.11.11.11.11.11.11.11.11.11.11.11.1   | 1 1 1  |
| GENERAL<br>PARALYSIS.             | Females. | 1  | 1 1 1  |
| GE                                | Males.   | 111111111111111111111111111111111111111  | 1 1 1  |
| r.                                | Totals.  | 11111-1111111 1.11110  | 1 1 1  |
| EPILEPTIC<br>INSANITY.            | Females. | 1111141111111  | 1 1 1  |
| EPI                               | Males.   |  | 1 1 1  |
| M.                                | Totals.  | 11111111111111   | 1 1 1  |
| DELIRIUM<br>ACUTE.                | Females. |  | 1.1.1  |
| DE                                | Males.   |  | 1 1 1  |
| AT.                               | Totals.  |  | 1 1 1  |
| DEMENTIA<br>PRÆCOX.               | Females. | 111-1111111111   | 1 1 1  |
| DE                                | Males.   | IIIII eiiiiii IIII IIII  | 1 1 1  |
| IC<br>LIC<br>Y.                   | Totals.  | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   | 1 1 1  |
| CHRONIC<br>ALCOHOLIC<br>INSANITY. | Females. | IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   | 1.1.1  |
| ALC<br>Ins                        | Males.   | 111111111111111 = 1111111111   | 1 1 1  |
| ELIC<br>I.Y.                      | Totals.  | 111111111111   | 1 1 1  |
| ACUTE<br>ALCOHOLIC<br>INSANITY.   | Females. | 11111111111111   | 1 1 1  |
| ALC                               | Males.   | 1111111111111  | 1 1 1  |
| Α.                                | Totals.  |  | H I I  |
| Сновел.                           | Females. |  |  |
| Ö                                 | Males.   | 11111111111111 1111  | 1 1 1  |
| ± .:                              | Totals.  | 111112311114  1112312114   | - 9  |
| AGGRE-GATES.                      | Females. | 111221111111111111111111111111111111111  | -11  |
| A B                               | Males.   | 14411244114121 411241260118  | 191  |
|                                   |          |  |  |
|                                   |          |  | · · ·  |
|                                   |          |  | Diseases of Circulatory System<br>Illation of heart,                                       |
|                                   |          | seases.  cute,  ous System  ,  ,   | ory !  |
|                                   | CAUSES   | Addison's disease, Articular rheumatism, acute, Carcinoma of throat, Carcinoma of throat, Carcinoma of throat, Carcinoma of see, Exhaustion, Erysipelas, Gangrane of leg, Baundice, Pernicious anamia, Sarcoma of jaw, Sarcoma of jaw, Alcoholic ooma, Brain abseess, Typhold fever, Typhold fever, Cerebral tumor, Cerebral softening, Sargical shock, Sargical shock, Stratus epilepticus,   | culat<br>t, .  |
|                                   | CAU      | General Discusses.  Theumatism, ac a of breast, as of breast, and face, on, so a of land, so a of la | Cir.   |
|                                   | J        | dendasse, asse, obreas face, ser obreas  | of P   |
|                                   |          | dised he   | sease<br>tion<br>rosis   |
|                                   |          | an's on a strict of the strict | Dis<br>dila<br>sele<br>al th   |
|                                   |          | Addison's disease, Adricular heumatism, so Carcinoma of hreast, Carcinoma of hreast, Carcinoma of face, Exhaustion, Expripelas, Gangrene of leg, Jaundice, Apericous anemia, Sarcoma of jaw, Sarcoma of jaw, Alcoholic coma, Diseases of Nerra Alcoholic coma, Brain abscess, Chronic pachymenigitist Cerebral softening, Startus sphilis, Surgical shock, Stattus epilepticus,  | Diseases of Circu<br>Acute dilation of heart,<br>Arteriosclerosis,<br>Cerebral thrombosis, |
| 1                                 |          | WW. W. C.  | Q. A.  |

| 111111111   | 111111  |   | 1.1.1.1.1  | - 1                               | 1.1                       | 52       |
|---|---|---|--|-----------------------------------|---------------------------|----------|
| 111111111   | 111111  | 11111111  | 11111  | 1                                 | 1.1                       |          |
| 1 1 1 1 1 1 1 1 1 1 1   | 1 1 1 1 1 1 1   |   | 1111   | 1                                 | 1 1                       | 63       |
| 1111-1111   |   | 1114111   | 1111-  | 1                                 | 1-1                       | 35       |
| 1 1 1 1 1 1 1 1 1   | 111111  | 1110011111  | 1 1 1 1 1  | - 1                               | 1.1                       | 9        |
| 1 + 1 + - 1 + 1 + 1   | -1111-1   | 111111  | 1111=  | - 1                               | 1 1                       | 53       |
| 1 1 1 1 1 1 1 1 1   | 111111  | 11111111  | 1.1.1.1.1  | 1                                 | 1.1                       | 7        |
| 111111111   | 111111  | 11111111  | 1 1 1 1 1  | 1                                 | 1.1                       | 62       |
| 1 1 1 1 1 1 1 1 1 1   | 111111  | 1 1 1 1 1 1 1 1 4 4   | 1 1 1 1 1  | 1                                 | 1.1                       | c3       |
| 111111111   | 11-111  | 11111111  | 11111  | 1                                 | 1.1                       | _        |
| 11111111  | 111111  | 1 1 1 1 1 1 1 1 1   | 1 1 1 1 1  | 1                                 | 1.1                       | -        |
| 111111111   | 11-111  |   | 1 1 1 1 1  | 1                                 | 1.1                       | -        |
| 1111-1111   | 101112  | 111411-11   | 11   | 1                                 | 1 1                       | 24       |
| 1111-1111   | 61         0  | 111011-11   | 11   | 1                                 | 1-1                       | 10       |
| 111111111   | .   | 111-1111  | 1 1 1 1 1  | 1                                 | 1.1                       | 2        |
| 111111111   | 2   -   +   | 111-1111  | 11111  | _                                 | 1.1                       | <u>∞</u> |
| 1 1 1 1 1 1 1 1 1 1   |   | 11111111  | 1.1.1.1.1  | _                                 | 1 1                       | 4        |
| 111111111   |   | 111-1111  | 1 1 1 1 1  | 1                                 | 1.1                       | 4        |
| 1111-1111   | -1-1111   | 11111111  | , 1111   | 1                                 | 1-1                       | 4        |
| 111111111   | 111111  | 11111111  | 1 1 1 1 1  | ı                                 | 1 1                       | 1        |
| 1111-1111   | -1-111  | 1 1 1 1 1 1 1 1 1   | 1 1 1 1 1  | 1                                 | 1.1                       | 4        |
| 111111111   | 111111  | 1111111   | 11111  | ı                                 | 1.1                       | -        |
| 111111111   | 111111  | 11111111  | 1 1 1 1 1  | - 1                               | 1 1                       |          |
| 111111111   | 111111  | 1 1 1 1 1 1 1 1 1   | 1111   | ı                                 | 1.1                       | 1        |
| 1111011111  | 26<br>113<br>15<br>15   | -1-2-2-1-   | 10-0010  | es                                | -63                       | 161      |
| 1111611111  | 11 22 1 1 1 1   | 111211-1-   | 11222  | 63                                | 1.1                       | 90       |
| 11811-11  | 15  | 11101011  | -1001-   | -                                 | -67                       | 101      |
|   |   |   |  | •                                 |                           | •        |
|   |   |   | <i>m</i> · · · · ·   |                                   |                           |          |
|   | ystem   |   | Syste  |                                   |                           |          |
|   | ry S <sub>1</sub>   | e Sys   | tary   |                                   |                           |          |
|   | Diseases of Respiratory System preumonia, atto pneumonia, of lungs, of lungs, and arry tuberculosis, oneumonia, oneumonia, oneumonia, oneumonia,  | Discuses of Digestive System all nooplasm, stritis, our appendicitis, s. s. lucer of, litis, certifontis, enteritais, enteritais, ar peritonitis, ar peritonitis, ar peritonitis, ar peritonitis,                   | Diseases of Genito-urinary System. nephritis., ona of uterus, in co-partitis, consolutis, co-partitis, co-par | n,                                | Ill-defined Causes.       |          |
| cis,<br>e,<br>sis,<br>  | Resz<br>ia,<br>onia   | f Dig<br>sm,<br>dicit<br>f,<br>,  | enito<br>us,<br>tis,   | Violence.                         | :<br>:                    |          |
| Dronic myocarditis<br>Sudocarditis, acute,<br>Smyorma,<br>Teneral tuberulosis<br>Myocarditis,<br>urulent pleuritis,<br>Pericarditis,<br>Chipune of heart,<br>Libranhosis of sorta,<br>Allyluar heart disea, | es of mon neum onia, gs, berei  | ses o<br>opplas<br>s,<br>ppen<br>cer o<br>cer o<br>nitis,<br>ritis,   | of G<br>is,<br>uteritis,<br>itis,<br>systif  | angn                              | III-de                    |          |
| nyoc<br>itis,<br>a,<br>uuber<br>tis,<br>pleun<br>is,<br>of he<br>vis of   | isease<br>onen<br>ic pn<br>eumc<br>la,<br>y tu  | Disea al ne tritis us al V, y, litis, erito enter r pel   | bhriti<br>a of<br>ephr<br>gie e  | v str                             |                           | <u>.</u> |
| nic n<br>card<br>yems<br>ral tr<br>ardit<br>ent j<br>ardit<br>ure c<br>nbos   | Die postati r pne na of | mins gas renormers natery cooli ral prute vute rena   | Dise<br>nomi<br>nic nic nic richa  | le by                             | tion,<br>ıstio            | Totals,  |
| Chronic myocarditis, Endocarditis, acute, Enpyema, General tuberculosis, Myocarditis, Pericarditis, Pericarditis, Chrombosis of acrt, Thrombosis of acrt, Valvular heart disease,                           | Diseases of Respin Broncho pneumonia, Hypostatic pneumonia, Lobar pneumonia, Gdema of lungs, Pulmonary tuberculosis, Soptic pneumonia,  | Diseases of Diges Abdominal neoplasm, Acute gastritis, Gangrenous appendicitis, Bysentery, Espapagus, ulcer of, Enterocolitis, General periciontis, Subacute enteritis, Subacute enteritis, Tubercular peritonitis, | Diseases of Gen<br>Carcinoma of uterus,<br>Chronic nephritis.<br>Hemorrhagic exstitis.   | ViolenceSuicide by strangulation, | Inanition,<br>Exhaustion, |          |
|   | TTTTTT  | 110-HHOWE   | 400mm  | 32                                |                           | - 0      |

12. - Causes of Death and Form of Mental Disease in Persons who died - Concluded.

| 1 | ė                                   | Totals.  | THE  | 1.1.1   |
|---|-------------------------------------|----------|--|---|
|   | UNCLASSI-<br>FIED.                  | remales. | 111111111111   | 1.1.1   |
| ١ | UNC                                 | Males.   |  | 1.1.1   |
|   | - # .:                              | Totals.  |  | 111   |
| ı | PSYCHO-<br>PATHIC PER-<br>SONALITY. | Females. |  | 1.1.1   |
|   | PSY<br>ATHI<br>SON!                 | Males.   |  | 1.1.1   |
|   | -                                   | Totals.  |  | 111   |
|   | NEURAS-<br>THENIA.                  | Females. |  | 1.1.1   |
|   | Net                                 | Males.   |  | 1.1.1   |
| ١ |                                     |          | <br>   | 111   |
|   | AMENTIA.                            | Totals.  |  | 111   |
|   | AME                                 | Females. | 1111   | 111   |
|   |                                     | Males.   |  |   |
|   | ILE                                 | Totals.  | 111140111111111111111111111111111111111  | 111   |
| 1 | SENILE<br>DEMENTIA.                 | Females. | 110011111111111111111111111111111111111  |   |
|   |                                     | Males.   |  |   |
| ١ | Involution<br>Melan-<br>cholia.     | Totala.  |  | 111   |
|   | VOLUTIC<br>MELAN-<br>CHOLIA.        | Females. |  | 111   |
| ı | I                                   | Males.   |  |   |
|   | NIC<br>NTIA.                        | Totals.  |  | 191   |
| 1 | ORGANIC<br>DEMENTIA                 | Females. | 111111111111111111111111111111111111111  | 111   |
|   | O <sub>Q</sub>                      | Males.   | 111111   | 191   |
|   | G. S.                               | Totals.  | 111111111111111111   |   |
| ı | Acure<br>Toxic.                     | Females. |  |   |
|   |                                     | Males.   |  |   |
|   | C.<br>SIVE.                         | Totals.  | TITTELLI   | 1 1 1   |
| ١ | MANIC.<br>DEPRESSIVE.               | Females. | 111111111111111111111111111111111111111  | 1 1 1   |
|   | DEF                                 | Males.   |  | 1 1 1   |
|   |                                     |          | •  |   |
|   |                                     |          |  | ·   |
|   |                                     |          | System   | syster.   |
|   |                                     |          |  | ory S   |
|   |                                     | SES      | Dise   | culat   |
|   |                                     | CAUSES   | General Diseases s disease, rehematism, acute, as of throat, as of face, on, s, s of leg.  Sancania, so diaw, of jaw, syphilis, syphilis, syphilis, syphilis, syphilis, shocks meningtis, syphilis, shocks meningtis, shock, silepticus,   | f Cir.<br>heard<br>sis,   |
| ı |                                     |          | General description of the control o | ses o,<br>n of<br>iis,<br>mbo   |
|   |                                     |          | s disservations and a control of the | Diseases of Circulatory System<br>lilation of heart,<br>sclerosis,<br>I thrombosis,   |
|   |                                     |          | Addison's disease, Articlar rheumatism, acute, Carcinoma of threat, Carcinoma of threat, Carcinoma of threat, Carcinoma of threat, Carcinoma of tace, Exhaustion, Exyspleas, Jaundice, Jaundice, Jaundice, Jaundice, Jarchan, Sarcoma of breast, Sarcoma of breast, Sarcoma of breast, Carcholic coma, Alcoholic coma, Alcoholic coma, Alcoholic coma, Alcoholic solumingitis, Cerebral suphilis, Cerebral suphilis, Cerebral suphilis, Cerebral suphilis, Cerebral suphilis, Cerebral suphilis, Cerebral hemorrhage, General panalysis, Stragtococcus meningitis, Stragtoscoccus   | Diseases of Circult Acute dilation of heart, . Arteriosclerosis, Cerebral thrombosis, |
|   |                                     |          | Add<br>Arti<br>Carr<br>Carr<br>Carr<br>Carr<br>Carr<br>Carr<br>Bry<br>Per<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Cere<br>Core<br>Core<br>Core<br>Core<br>Core<br>Core<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ<br>Typ  | Acu<br>Arte<br>Cere   |
|   |                                     |          |  |   |

|  |  |  | 11111   |                                    | -1                        | 10      |
|--|--|--|---|------------------------------------|---------------------------|---------|
| 11111111   |  | 1111111  | 1 1 1 1 1   | 1                                  | 1.1                       | 2       |
| 11111111   | 11111  | 11111111   | 1111  |                                    | 1                         | က       |
| 11111111   | 111111   | 1 1 1 1 1 1 1,1 1  | 1111  | ı                                  | 1.1                       | -       |
| 11111111   | 1 1 1 1 1 1 1  | 11111111   | 1111  | - 1                                | 1.1                       | 1       |
| P  | 111111   | 11111111   | 1111  | ı                                  | 1-1                       | 1       |
| 1111111  | 111111   | 11111111   | 11111   | - 1                                | 1 1                       | 1       |
| 11111111   | 111111   | 11111111   | 1111  | - 1                                | 1.1                       | 1       |
| 111111   | 111111   | 11111111   | 1111  | ı                                  | 1 1                       | -       |
| 11111111   | 111111   | 11111111   | 1111  | 1                                  | 1.1                       | -       |
| 11111111   | 111111   | 11111111   | 1 1 1 1 1   | ı                                  | 1 1                       | 1       |
| 11111111   | 111111   |  | 1111  | ı                                  | 1.1                       | -       |
|  | V-14-11-1  | 11141-11-  | 11211   | 1                                  | 1 63                      | 30      |
| 1111-1111  | 01101101   | 1110111  | 1-12-11   | ı                                  | 1 1                       | 15      |
|  | 70 163 1 1 1 1   | 11101010111  | 1.1.1.1.1   | 1                                  | 1 64                      | 15      |
|  | 1111-1   | 111-1111   | 11111   | ı                                  | 1.1                       | 62      |
| 11111111   | 11111-1  | 1111111  | 11111   | 1                                  | 1.1                       | -       |
| 111111111  | 111111   | 111-1111   | 1111  | ı                                  | 1.1                       | -       |
| 11110011111  | 112  | 1   1   1   1   1   1   1  | , I 14 IH   | ı                                  | 1 1                       | 57      |
| 1111011111   | 10-10-10-10  | 1110011111   | 11211   | ı                                  | 1-1                       | 29      |
|  | 11111011   | 11-011111  | 116311  | 1                                  | 1.1                       | 28      |
| 11111111   | 111111   | 11111111   | 11-11   | ı                                  | 1.1                       | 2       |
| 111111111  | 111111   |  | 1111  | 1                                  | 1.1                       | -       |
|  | 111111   | 11111111   | 11-11   | 1                                  | 1 1                       | -       |
| 11116011111  | 1111-  | 111-1111   | 62  | -                                  | 1 1                       | 13      |
| 1111811111   | 11111  | 11111111   |   | _                                  | 1.1                       | 6       |
| 111111111  | 11111  | 111-1111   | -1111   | 1                                  | 1 1                       | 4       |
| •  |  |  |   |                                    |                           | ٠       |
|  |  |  |   | •                                  |                           |         |
|  |  | stem.  | System  |                                    |                           |         |
|  | atory System.  |  | urinary   |                                    | Causes.                   |         |
|  |  | Diseases of Disestive System al nooplasm, stritis, out appendicitis, s. 18, ulcer of, litis, entrontis, enteritais, enteritais, ar peritonitis, ar peritonitis, ar peritonitis,  |   | nce.                               |                           |         |
| tis, ce, sis, ta, ta, ease,  | Resplay, in the control of the contr | of Dism, dicit   | fenitc<br>is,<br>tis,   | Violence. lation,                  | Ill-defined               |         |
| acut<br>acut<br>culos<br>ritis,<br>aut,<br>f aori<br>t dise  | Disenses of Respi<br>o pneumonia,<br>atic pneumonia,<br>neumonia,<br>of lungs,<br>oria,<br>ary tuberculosis,<br>oneumonia,   | ses o soplar s, ppen   | Diseases of Genito-<br>nephritis,<br>noma of uterus,<br>nic nephritis,<br>rrrhagic cystitis,<br>-nephritis,                     | angn                               | IU-de                     |         |
| myod<br>littis,<br>a,<br>uber<br>tis,<br>of he<br>of he<br>sis of  | iseas<br>pneu<br>ic pr<br>eum<br>f lun<br>ia,<br>ry tu   | Disectal nestritisms and an  | eases chrit a of nephr agic hriti   | y str                              | ,<br>on,                  | ø,      |
| Chronic myocarditis, Endocarditis, acute, Empoyema, General tuberculosis, Myocarditis, Pericarditis, Pericarditis, Rupture of heart, a Rupture of Asart, Valvular heart disease, Valvular heart disease, | Diseases of Respirable Diseases of Respirable Distribution of the  | Diseases of Dive<br>Abdominal neoplasm,<br>Acute gastritis,<br>Gangrenous appendicitis<br>Dysentery,<br>Esophagus, ulcer of,<br>Enterocolitis,<br>General perifonitis,<br>Subacute enteritis,<br>Tubercular peritonitis, | Diseases of Geni<br>Acute nephritis,<br>Carcinoma of uterus,<br>Chronic nephritis,<br>Hemorrhagic cystitis,<br>Pyelo-nephritis, | de b                               | ition,<br>ustic           | Totals, |
| Chr<br>End<br>Ent<br>Gen<br>Myo<br>Puru<br>Perid<br>Rup<br>Thro  | Bron<br>Hyp<br>Lobs<br>Œdei<br>Pneu<br>Puln  | Diseases of Abdominal neoplass Acute gastritis, Gangrenous append Gangrenous append Dysentery. Esophagus, uler of Enterocolitis, General peritonitis, Subactue enteritis, Tubercular peritonitis                         | Acut<br>Carc<br>Chro<br>Hem<br>Pyek   | Violence Suicide by strangulation, | Inanition,<br>Exhaustion, | 7       |

13. - Duration of Mental Disease and Treatment in Patients recovered and died.

|                                 | PERIOD<br>IDENCE.                           | Totals.  | 11   | 1 2      | 21.69   |
|---------------------------------|---|----------|--|----------|---|
| NS.                             | WHOLE KNOWN PERIOD<br>OF HOSPITAL RESIDENCE | Females. |  | -   -    | 31.59 25.57 17.81 21.69                             |
| ADMISSIC                        | WHOLE<br>OF HOSI                            | Males.   |  | 1        | 25.57   |
| ALL OTHER ADMISSIONS.           | PERIOD                                      | .elstoT  | 1010100011 81  | 1 2      |   |
| ALL                             | WHOLE KNOWN PERIOD OF MENTAL DISEASE.       | Females. | 1  |          | 22.90   |
|                                 | WHOLE<br>OF ME                              | Males.   | 1001110011   | 1 1      | 3.0 1.2 1.2 3.0 7.4 4.4.2.8 11.00 10.88 10.94 40.28 |
|                                 | TION.                                       | Totals.  | 14411 08   | - 08     | 10.94   |
|                                 | WHOLE DURATION.                             | Females. | 11 23 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 1 5      | 10.88   |
| PITAL.                          | мно   | Males.   | - 4 w ro w 6/1   1   &1  | 1 0      | 11.00   |
| NY Hos                          | DENCE.                                      | Totals.  | 111<br>88<br>110<br>110<br>110<br>110<br>110<br>110<br>110<br>110<br>1   | 1 06     |   |
| ED TO A                         | HOSPITAL RESIDENCE.                         | Females. | 120 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1  | 1 5      | 4   |
| FIRST ADMITTED TO ANY HOSPITAL. | HOSPIT                                      | Males.   | 18 0 0 1 1 1 1 1 8 1   | 1 0      | 1.44  |
| First                           | FORE N.                                     | Totals.  | 111 6 6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 1 6      | 7.0   |
|                                 | DURATION BEFORE<br>ADMISSION.               | Females. | 701421111 21   | 1 9      | 3.33  |
|                                 | DURA  | Males.   | 9900101111 0   | 1 9      | 6.83  |
| ì                               |   |          |  |          | . (in   |
|                                 |   | PERIOD.  | A. — Recovered: —  Under 1 month,  From 1 to 3 months,  3 to 6 months,  6 to 12 months,  1 to 2 years,  2 to 5 years,  5 to 10 years,  10 to 20 years,  Over 20 years, | Unknown, | Average of known cases months),                     |

| 1 1 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1  | 31 31 31 88.76  |
|--|---|
| 1111118921   | 18 18   |
| 1100164111   | 31 13 31 13 13 118 118 119 119 119 119 119 119 119 119      |
| 1 1 1 1 1 1 1 2 9 4 8 9  | 31 31 31  |
| 1111121492   | 18 18 162.66  |
| 11111212121  | 13<br>13<br>71.30   |
| 22<br>111<br>13<br>13<br>14<br>16<br>16<br>17  | 156<br>4<br>160<br>160                                      |
| - 8 4 7 7 10 10 20 20 20 20 20 20 20 20 20 20 20 20 20   | 69 37 72 70.37  |
| 2024421<br>2024421<br>2024421  | 87<br>88<br>33.17   |
| 25<br>25<br>24<br>21<br>23<br>23<br>8  | 88 72 160 87<br>88 72 160 88<br>1.0424.5617.80 33.173       |
| 171<br>184<br>190<br>100<br>100<br>22  | 72  |
|  | 1 1 =   |
| 22 2 2 2 2 2 2 3 3 8 8 8 8 8 8 8 8 8 8 8   | 87 69 156<br>1 3 4<br>88 72 160<br>26.43 46.40 36.41        |
| 100001144000   | 69<br>3<br>72<br>46.40                                      |
| 24172837721  | 87<br>88<br>26.43   |
|  | ii)   |
| 3. — Died: — Congenital, Under 1 month, . From 1 to 3 month 3 to 6 month 6 to 12 month 1 to 2 years, 2 to 5 years, 5 to 10 years, 10 to 20 years, Over 20 years, | Totals,  Unknown,  Totals,  Average of known cases months), |



### THIRTY-THIRD ANNUAL REPORT

OF

### THE TRUSTEES

OF THE

# DANVERS STATE HOSPITAL,

AT

DANVERS, MASS. (POST-OFFICE, HATHORNE),

FOR THE

YEAR ENDING NOVEMBER 30, 1910.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 Post Office Square.
1911.



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THE STATE BOARD OF PUBLICATION.

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OF THE

### DANVERS STATE HOSPITAL.

Nov. 30, 1910.

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|                               |        |                 |      |                                      |  |  |  |  |  |
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|-----------------------|----|--|-------------------|--------------------|
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|                       |    |  | Principal of      | Training School.   |
| Mr. Charles Lindgren, |    |  | . Engineer.       |                    |
| Mr. George L. Barker, |    |  | . Farmer.         |                    |
| Mr. GEORGE W. GARDNER | ₹, |  | . Carpenter.      |                    |



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## The Commonwealth of Massachusetts.

### TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Danvers State Hospital herewith respectfully present their thirty-third annual report, with the reports of the superintendent and treasurer and the statistics legally required.

There have been three changes in the Board of Trustees during the year. Mr. Seward W. Jones of Newton was appointed to fill the vacancy created by the expiration of Mr. Samuel W. Hopkinson's term of office. Mr. Samuel Cole of Beverly and Mr. Ernest B. Dane of Brookline were appointed to succeed Col. George R. Jewett of Salem and Orville F. Rogers, M.D., of Dorchester, both of whom resigned during the summer. The influence exerted by the retiring members of the Board upon the welfare of the hospital will long be remembered by their associates.

In the middle of the year there were numerous changes in the medical staff. Chas. W. Page, M.D., who during two terms of service held the position of superintendent for nearly eighteen years, resigned June 30. His methods of hospital management, activities in molding the medical and nursing force, and innovations in general care of patients have been such as to leave a lasting impression both upon the hospital and the minds of those associated with him. The trustees hope that he will now enjoy the freedom from official cares and duties to which he is so justly entitled.

Chas. Ricksher, M.D., for three years an assistant physician, resigned in the spring to accept a position in New York.

Leslie C. Bishop, M.D., who was appointed as an assistant in 1908, resigned during the summer to assume duties in a private sanitarium.

Edwin W. Katzenellenbogen, Ph.D., who had been in the hospital service for two years, resigned this fall.

Myrtelle M. Canavan, M.D., for three years assistant pathologist, resigned in the summer to accept the position of pathologist in the Boston State Hospital.

Isaiah H. Halladjian, M.D., for two years an assistant physician, died from pulmonary tuberculosis after a long and painful illness.

H. W. Mitchell, M.D., superintendent of the Eastern Maine Insane Hospital, and formerly senior assistant physician at the Danvers Hospital, was invited by the trustees to accept the position of superintendent, and assumed his duties July 1, 1910.

William Burgess Cornell, M.D., from the Sheppard & Enoch Pratt Hospital, Baltimore; Nelson G. Trueman, M.D., formerly at Worcester State Hospital; A. W. Stearns, M.D., from the Boston City Hospital; and George W. Parcher, M.D., have been appointed to fill the vacancies on the medical staff.

Mr. John N. Lacey, for twenty years steward of the hospital, was obliged by failing health to terminate a faithful and creditable service. Mr. E. S. Groves, paymaster of the training school ship "Ranger," was appointed as steward, and began his duties Sept. 1, 1910.

A special appropriation of \$11,000 was granted by the last Legislature to repair and enlarge the laundry buildings. In competition the contract was let to Messrs. Pitman & Brown of Salem. Imperative repairs to walls of the old building proved to be so much more extensive than the architect at first thought necessary, that the interior of the addition was left unfinished, in order to keep within the appropriation, which was expended under careful supervision and with good results.

No special appropriations are requested for the year. There are many repairs and renovations needed which will require all the time and energy of the management. A maintenance ap-

propriation larger than customary will be asked of the coming Legislature to do this work, which will be detailed in the superintendent's report.

We wish to commend the officials and employees, new and old, who are giving their best efforts to meet the many difficult problems arising this year.

ERNEST B. DANE,
ANNIE M. KILHAM.
SAMUEL COLE.
HORACE H. ATHERTON.
MARY W. NICHOLS.
S. HERBERT WILKINS, Chairman.
SEWARD W. JONES.

Nov. 30, 1910.

### SUPERINTENDENT'S REPORT.

To the Trustees of the Danvers State Hospital.

I herewith present the superintendent's thirty-third annual report.

In matters relating to patients the year ends September 30, while the fiscal year terminates Nov. 30, 1910.

At the beginning of this year there were 1,424 patients. During the year there were 627 admissions, and 568 cases were dismissed, leaving on Oct. 1, 1910, 1,483 patients, — 627 men and 856 women. The daily average number for the year was 1,413. Of the 627 admissions, 519 were regular commitments; 10 were voluntary cases; 27 were transfers from other hospitals, 5 were returns from visits, 3 were returns from escapes, and there was 1 case received for temporary care.

Concerning the commitments, 82 per cent. were never before in any hospital for the insane. Of these, the average age on admission was forty-three years; the average duration of insanity before admission was two years; 44 per cent. were foreign born and 64 per cent. were of foreign parentage. Only 19 per cent. had forms of insanity from which either recovery or marked improvement from the attack could be expected; and, should recovery occur, future attacks are to be expected in a very large majority of these cases. Alcohol and syphilis continue to hold their prominent position among the recognized causes of insanity. In 33 per cent. of the men first committed, the most prominent etiological factor was alcoholic indulgence or previous syphilitic infection.

Of the 241 discharged patients, 59 were considered recovered, 56 capable of self-support, 70 improved, 50 unimproved and 6 not insane. There were 209 deaths, 47 transfers to other state

hospitals, 10 escapes and 61 left the hospital on visits. The recovery rate was as large as can be expected where the criteria as to what constitutes recovery are similar to those employed here.

Of the 209 deaths, nearly one-half were due to general paralysis and organic dementia. Tuberculosis was the principal cause in 19 cases, and there were 2 deaths from diphtheria and 5 from typhoid fever.

While the hospital has cottages for tubercular patients, there are no adequate provisions for handling such epidemics of other diseases as have occurred in recent years, without serious interference with the regular hospital work. There have been 20 cases of typhoid fever since last May.

I am indebted to Herman M. Adler, M.D., for the following account of a diphtheria epidemic which occurred before my connection with the hospital:—

During the first three months of the year 1910 there was an epidemic of diphtheria at the hospital. This epidemic was characterized by the small number and mildness of the acute cases, coincident with the wide distribution of the diphtheria bacillus throughout the hospital. Out of a hospital population of approximately 1,700, the diphtheria bacillus was isolated in 666 individuals. Only 19 of these were acutely ill with the disease, 4 of which cases were severe, and of these, 2 ended fatally. The organism was isolated at autopsy six times in all, twice from fatal cases of diphtheria, four times from cases that had died from other diseases.

The hospital was quarantined by the board of health from February 5 to April 4. During this time no visitors were allowed from the outside, and no one was allowed to leave the hospital who had not complied with the rules of the quarantine, which prescribed a negative throat culture, a full antiseptic bath, including disinfection of the hair, and complete change of clothing. These rules were rigidly enforced, and apparently were effective in preventing the spread of the disease from the hospital.

Within the hospital an exhaustive campaign was conducted, with the purpose of locating sources of infection and preventing contagion from the same, curing such cases as developed, and protecting the unaffected from the disease. This work, therefore, naturally fell into three general subdivisions: the clinical and bacteriological demonstration of the Klebs-Loeffler bacillus, the disinfection of the food supply, rooms, furniture, etc., and the administration of the antitoxin serum as a curative and prophylactic measure.

The bacteriological investigation consisted in the examination of cultures on Loeffler serum medium. In all, 6,340 cultures were taken. Of

these, 1,210 showed the presence of the Klebs-Loeffler bacillus morphologically. The cultures were distributed as follows:—

627 from male patients, of which 223 were positive. 599 from female patients, of which 316 were positive. 285 from officers and employees, of which 127 were positive.

The positive cultures were distributed as follows:

|             | Тім | es T | AKE | N. |  |   | Male<br>Patients. | Female<br>Patients. | Officers and<br>Employees. |
|-------------|-----|------|-----|----|--|---|-------------------|---------------------|----------------------------|
| 1,          |     |      |     |    |  | . | 190               | 130                 | 37                         |
| 2 to 5, .   |     |      |     |    |  |   | 67                | 145                 | 32                         |
| -60         |     |      |     |    |  |   | 14                | 24                  | 2                          |
| 10 or more, | •   |      |     |    |  |   | 3                 | 5                   | 1                          |

The examination of uncooked food, such as milk and butter, failed to reveal the presence of the diphtheria bacillus. When positive cultures appeared, the locality where they appeared was isolated. In the wards, where single cases appeared, these were removed to special observation wards, and throat cultures from the entire ward were taken at intervals of a few days, until the entire ward had yielded two consecutive negative cultures. In the isolation wards throat cultures were taken at frequent intervals, and the patients were released and returned to their original ward after two consecutive negative cultures had been obtained at intervals of two days. As there were in all only 19 cases that were acutely ill with the disease, it was possible to isolate these individually, and in no cases was there a spread of the disease from any one of these.

Disinfection was carried on systematically, ward by ward and building by building, so that the entire hospital, from attics to cellar, including the laundry, barn and other outbuildings, were thoroughly disinfected at least once, and several times wherever cases of positive cultures were discovered. The disinfection consisted in sealing rooms, filling them with moist formalin vapor, and leaving them thus for twenty-four hours. Ward aisles, corridors, attics and other places that could not be properly sealed were repeatedly sprayed with 4 per cent. formalin, 3 per cent. lysol, or sulpho-naphthol. The rules for the disinfection of individuals, as the spraying of throats three times a day with Dobell's solution, gargling every two hours with boric acid solution and thorough disinfection by live steam of dishes, bedding, clothing, etc., were rigidly carried out.

In addition to disinfection and isolation, antitoxin was administered as a routine throughout the hospital.

The question of the origin of such epidemics as this in insane hospitals is a very difficult one to answer, since it is impossible to control the introduction of disease germs such as the diphtheria bacillus, or to demonstrate its presence, unless it causes disease. In the present instance one source of infection can be traced undoubtedly to a slight epidemic of 5 cases in August, 1909, in which the germ was introduced by an employee who developed the symptoms shortly after assuming his duties at the hospital.

But this alone would not account for the conditions found, and it would appear, from such information as we have been able to obtain, that throat infections with a bacillus morphologically identical with the Klebs-Loeffler, but with very rare acute manifestations, was not confined to the hospital.

The disease evidently spread by direct contact from one individual to another, by means of dishes, clothing, etc., and also, as was culturally demonstrated in the laboratory, by rats, roaches, etc.

Fortunately there have been no serious injuries or suicides to report during this year.

The medical service has been performed under great difficulties this year, only two of the clinical assistants remaining who were present at the beginning of the year. The hospital is indebted to these physicians for the willing performance of extra duties which so many resignations necessitated. The following changes have occurred in the medical staff:—

Resignations.

Charles Ricksher, M.D. Leslie C. Bishop, M.D. Myrtelle M. Canavan, M.D. Isaiah H. Halladjian, M.D.

Edward W. Katzenellenbogen, Ph.D.

Appointments.

William Burgess Cornell, M.D. Nelson G. Truman, M.D. A. W. Stearns, M.D. George W. Parcher, M.D.

The daily staff meetings, which were inaugurated at this hospital twelve years ago, have been extended in their scope, so that not only new admissions but matters of general policy and all requests for discharge of patients are considered by the staff before action is taken. In a report of this character it is impossible to give any detailed account of the clinical work which has to be done regularly and systematically to secure results of any value.

The interdependence of the laboratory and clinical work has been well illustrated this year, and no better argument for the value of the former can be advanced than the following brief statement of the work performed:—

To the Superintendent.

During the year 1909–10 the routine pathological work included 88 post-mortem examinations, which is 42.7 per cent. of the total number of deaths during the same period. In each case autopsied, specimens from the tissues are preserved in formalin and Zenker, the usual microscopic technic carried out, after which they are placed on file in the various collections. Cultures from heart's blood and cerebro-spinal fluid are made in each case, and in selected cases, from lymph nodes, spleen and gall bladder. The brains are preserved *in toto* in formalin, after specimens have been taken in special cases for Nissl stains, and are being prepared for sectioning on the large brain microtome.

The clinical laboratory work included 589 urine analyses; 36 sputum examinations for tubercle bacilli, of which 12 were positive; 26 blood counts; 5 gastric analyses; 9 stool analyses; 19 blood cultures, in which the typhoid bacillus was recovered 11 times, 8 cultures being negative; 25 Widal reactions; and 6,429 throat cultures.

During the year the following laboratory internes were appointed for one month each:—

John W. Abbott, Harvard Medical School.
Leland B. Alford, Harvard Medical School.
Alexander Burgess, Harvard Medical School.
Alexander Forbes, Harvard Medical School.
Henry T. Chickering, Harvard Medical School.
Thornton Stearns, Johns Hopkins Medical School.
Max Rohde, Johns Hopkins Medical School.
C. W. Rand, Johns Hopkins Medical School.

The following articles were published by workers from the laboratory: —

The Laboratory Work of the Danvers State Hospital, Hathorne, Mass., with Special Relation to the Policy formulated by Dr. Charles Whitney Page, Superintendent, 1888–98, 1903-10. By E. E. Southard, M.D.

The Margin of Error in the Diagnosis of Mental Disease: based on a Clinical and Anatomical Review of 250 Cases examined at the Danvers State Hospital, Mass., 1904–08. By E. E. Southard, M.D.

A Study of Dementia Præcox Group in the Light of Certain Cases showing Anomalies or Sclerosis in Particular Brain Regions. By E. E. Southard, M.D.

Ten Obscure Casts of Mental Disease: a Clinical and Anatomical Study. By L. B. Alford, A.B.

A Study of the Senile Spinal Cord in Cases of Mental Diseases. By A. S. Hamiltin, M.D.

A Histological Study of the Thyroid Gland in Mental Disease, with Special Reference to Chronic Thyroiditis. By A. H. Peabody, M.D.

Bacillary Dysentery at the Danvers State Hospital, Mass., subsequent to the Epidemic of 1908 (December, 1908-June, 1910). By Myrtelle M. Canavan, M.D.

Organisms recovered from Dysentery Cases studied bacteriologically, December, 1908-June, 1910, Danvers State Hospital, Mass. By Myrtclle M. Canavan, M.D.

The Persistence of Agglutinations for B. Dysenteriae in Danvers State Hospital Cases, together with a Series of Conglutination Tests. By Myrtelle M. Canavan, M.D.

Mannite and Non-Mannite-Fermenting Organisms in a case of Dysentary, complicated by Hemorrhagic Endometritis, probably due to a Third Organism. By Myrtelle M. Canavan, M.D.

Primary Adrenal Tuberculosis in a Case of Juvenile General Paresis with Meningeal Infection (Bacillus Coli Communis). By E. T. F. Richards, M.D. A Case of Autochthonous Sinus-Thrombosis. By F. Robertson Sims, M.D.

The Diagnosis of a Fractured Skull as aided by the Finding of Brain Tissue in the Vomitus. By Gordon T. Brown, M.D., Brant, Alberta.

Note concerning Brain and Other Visceral Weights in Sixty-Six Subjects showing Carcinoma of Sarcoma. By Newell B. Burns, M.D.

Incidence of Heart Disease in Acute Psychoses, Danvers State Hospital, Mass., 1879-1909. By Albert A. Hornor, 2d, A.B.

Some Effects of Over-feeding with Fats in Certain Cases of Insanity. By Herman M. Adler, M.D.

Bacterial Invasion of the Blood and the Cerebro-spinal Fluid by Way of Mesenteric Lymph Nodes: A Study of Fifty Cases of Mental Disease. By E. E. Southard, M.D., and M. M. Canavan, M.D.

A Study of Errors in the Diagnosis of General Paresis. By E. E. Southard, M.D.

Respectfully submitted, HERMAN M. ADLER, M.D.

Miss Eunice A. Fisk remains in charge of the training school, from which the following nurses were graduated last spring: —

Marie Ivarson. Mary Lillian Kerans. Vinora McClure.

Minerva Pamelia Paquet. Lillian Ethel Scott.

The ratio of graduates to the number of nurses shows too plainly the difficulty experienced in keeping an adequate nursing force. The ideal nurse, like other realized ideals, is rare. She must be the product of hospital training. In the early days of her service, the conditions under which she is to be trained must be sufficiently attractive to induce her to continue the training. Then to the suitable and well-trained nurse, sufficient inducement must be offered to keep her in the service. Tact, patience, good humor and active interest in duties cannot be exhibited continuously to the highest possible degree by nurses who are in hourly contact with the insane from early morning until late in the evening, six days a week, without any respite from responsibilities, even at meal times. I recommend the employment of a sufficient number of nurses and attendants to materially reduce the number of hours' weekly work hitherto required.

For many years the work of steward has been faithfully performed by Mr. John N. Lacey, who resigned this summer. The vacancy thus created was filled by the appointment of Mr. E. S. Groves, who is well equipped for the exacting duties of that position.

An appropriation of \$11,000 was obtained to repair and enlarge the laundry building. An architect's estimate had been made for a sum supposed to be adequate for the purpose, but the necessary repairs to the walls of the original building proved to be so much more extensive than had been estimated, that the interior work of the addition had to be omitted to avoid exceeding the appropriation. The work has been done under careful inspection, according to the architect's specifications.

The necessary renovation of the wards, which was started last year, has been continued, and much remains to be done to put the hospital in good repair. As this work must be done with money appropriated for general maintenance, a larger sum than usual will be asked of the coming Legislature. Ordinarily this increased amount should be distributed over a series of years, but the conditions to-day demand wholesale repairs, if the hygiene of the hospital is to be considered.

The enlargement of the toilet rooms, with equipment of new plumbing, should be continued as rapidly as possible. There are 18 large rooms that should be renovated, at an approximate cost of \$1,000 each.

The roofs of the main building need extensive repairs. It has been estimated that this work will cost \$8,000. Three of the large gables were so badly disintegrated that the stone and brick work had to be relaid this fall, and the masonry of the entire group of buildings will have to be pointed and repaired at the earliest possible date to prevent serious structural damage. From \$10,000 to \$15,000 will be required for this purpose.

The hospital cow barn must be repaired and changed to meet modern requirements for the sanitary methods of handling milk and keeping cows. Most of the cows will have to be replaced by new animals, according to the advice received from the State Cattle Bureau officials, if a healthy herd is to be kept in the future. Probably \$10,000 will be required for the purpose of adopting

methods which have elsewhere proved successful in keeping a herd of healthy cows.

The State Forester estimates that \$3,000 will be required to do the work demanded of that department towards the extermination of brown-tail and gypsy moths and elm-leaf beetles on the hospital grounds.

These are the principal items for which an increased maintenance appropriation will be asked for the coming year.

The yield from the farm and garden has fallen below the average of other years, and the milk supply is greatly reduced, thus adding to the cost of maintenance.

Acknowledgment is due to Miss M. C. Gray, Boston, for periodicals; Miss Annie M. Kilham, Beverly, \$5, for the patients at Christmas; Miss Harriet Lee, Salem, \$10 for the patients at Christmas; Second Unitarian Church, Boston, for periodicals; Mrs. E. A. Cogswell, Salem, for periodicals; Miss Elizabeth Lord, Salem, for a box of oranges; Miss Jennie Hammond, Danvers, for books; Miss Cole, Beverly, for fruit; Mr. H. H. Atherton, Saugus, for periodicals; and Miss Helen Clark, Brookline, for periodicals.

Messrs. Frank Ross, William Glover, William Abbott and Miss Charlotte Parker contributed their services as musicians to the patients' entertainments.

Rev. Michael Sullivan has given freely of his time to the sick and dying.

Both Catholic and Protestant services are held in the chapel on Sundays.

So far as is possible, weekly dances and other entertainments have been given, except in the summer months. Several Sunday evening concerts have been given by the hospital orchestra, aided by the musical members of the staff.

Especial credit is due this year to the officials and employees, upon whom the unusual work incident to so many changes has fallen.

In conclusion, I wish to express to the Board of Trustees grateful appreciation of the honor conferred by my recent appointment. It will be a pleasure to serve the hospital again, even as it was in former years.

Respectfully submitted,

H. W. MITCHELL,

Superintendent.

. . \$1,200 00

### SALARIES OF OFFICERS.

### RESIDENTS. Superintendent (per annum), \$3,000 00 Assistant physician (per annum), 1,500 00 Assistant physician (per annum), 1,400 00 Assistant physician (per annum), 900 00 Assistant physician (per annum), 2, at Assistant physician (per annum), 2, at 700 00 600 00 Assistant physician and pathologist (per annum), . 1,500 00 1,200 00 Nonresident.

Treasurer and clerk (per annum),

### WAGES OF EMPLOYEES.

### RESIDENTS.

| Superintendent's clerk and usher        |        |        |      |   |      |    | \$37  | 5   | 0  |
|---|--------|--------|------|---|------|----|-------|-----|----|
| Assistant clerk and usher (per mo       | nth),  | 2, a   | t .  | , |      |    | . 30  | 0   | 0  |
| Pharmacist (per month),                 |        |        |      |   |      |    | . 35  | 0   | 0  |
| Treasurer's assistant (per annum)       | , .    |        |      |   |      |    | 500   | 0   | 0  |
| Steward's assistant (per month),        |        |        |      |   |      |    |       |     |    |
| Male supervisor (including house,       | per i  | mon    | th), |   | . •  |    | . 60  | 0   | 0  |
| Assistant male supervisor (per mo       | onth), | , 2, ε | it.  |   |      |    | . 40  | 0   | 0  |
| Female supervisor (per month),          |        |        |      |   |      |    | . 50  | 0   | 0  |
| Assistant female supervisor (per r      | nonth  | n), 1, | , at |   |      |    |       | 0   | 0  |
| Assistant female supervisor (per r      |        |        |      |   |      |    |       |     |    |
| Attendants (full quota, male, 70,       | per n  | nont   | h),  |   | \$25 | 00 | to 40 | 0 ( | 0  |
| Attendants (full quota, female, 89      | , per  | moi    | nth) |   | . 20 | 00 | to 35 | 0   | 0  |
| Musicians (per month),                  |        |        |      |   |      |    | . 25  | 0   | 0  |
| Housekeepers (per month), .             |        |        |      |   | \$27 | 00 | to 35 | 0   | 0  |
| Seamstresses (per month), .             |        |        |      |   | . 18 | 00 | to 30 | 0 ( | 0  |
| Laundry men (per month), .              |        |        |      |   | . 20 | 00 | to 50 | 0 ( | 0  |
| Laundry girls (per month), .            |        |        |      |   | . 16 | 00 | to 20 | 0 ( | 0  |
| Cooks, male (per month), .              |        |        |      |   | . 30 | 00 | to 60 | 0 ( | 0  |
| Cooks, female (per month), .            |        |        |      |   | . 25 | 00 | to 40 | 0 ( | 0  |
| Kitchen men (per month), .              |        |        |      |   | . 20 | 00 | to 23 | 3 0 | 0  |
| Kitchen girls (per month), .            |        |        |      |   | . 16 | 00 | to 20 | 0 ( | 0  |
| Waitresses (per month), .               |        |        |      |   | . 16 | 00 | to 20 | 0 ( | 00 |
| Chambermaids (per month),               |        |        |      |   | . 16 | 00 | to 20 | ) ( | 0  |
| Bakers (per month),                     |        |        |      |   | . 30 | 00 | to 60 | ) ( | 00 |
| Basement men (per month),               |        |        |      |   | . 18 | 00 | to 22 | 2 0 | 00 |
| Porter (per month),                     |        |        |      |   |      |    | . 50  | ) ( | 0  |
| Farm hands (per month), .               |        |        |      |   | \$20 | 00 | to 30 | ) ( | 0  |
| Hostlers (per month),                   |        |        |      |   | . 23 | 00 | to 2  | 5 0 | 0  |
| Gardener (per month),                   |        |        |      |   |      |    | . 53  |     |    |
| Gardener's assistant (per month)        | , .    |        |      |   |      |    | . 20  | ) ( | 00 |
| Assistant engineers (per day),          |        |        |      |   |      |    |       | 2 3 | 35 |
| Fireman (per day),                      |        |        |      |   |      |    |       |     |    |
| Waiters (per month),                    |        |        | 9    |   | \$25 | 00 | to 30 | 0 0 | 00 |
| Janitor (per month),                    |        |        |      |   |      |    | . 28  | 8 ( | 00 |
| - · · · · · · · · · · · · · · · · · · · |        |        |      |   |      |    |       |     |    |

### Nonresidents.

|                                       |      |   |   |   | 00          | - 00  |
|---------------------------------------|------|---|---|---|-------------|-------|
| Engineer (including house, per week), |      | • | • | ٠ |             | 5 00  |
| Farmer (including house, per month),  |      |   |   |   | . 100       | 00    |
| Coachman (including house, per month  | ), . |   |   |   | 39          | 9 00  |
| Carpenter (including house, per day), |      |   |   |   |             | 3 00  |
| Carpenters (per day),                 |      |   |   |   | \$1 90 to 3 | 3 00  |
| Assistant engineers (per day),        |      |   |   |   |             | 2 95  |
| Firemen (per day),                    |      |   |   |   |             | 2 833 |
| Electricians (per day),               |      |   |   |   | \$2 75 to 2 | 2 95  |
| Machinists (per day),                 |      |   |   |   | 2 15 to 3   | 3 50  |
| Farm hands (per month),               |      |   |   |   | 35 00 to 5  | 5 00  |
| Plumbers (per day),                   |      |   |   |   | 3 00 to     | 4 40  |
| Plumbers' helpers (per day),          |      |   |   |   |             | 1 50  |
| Blacksmith (per day),                 |      |   |   |   |             | 2 75  |
| Mason (including house, per day), .   |      |   |   |   |             | 250   |
| Masons (per day),                     |      |   |   |   |             | 3 50  |
| Masons' helpers (per day),            |      |   |   |   | \$1 75 to   | 2 00  |
| Painters (per day),                   |      |   |   |   |             | 2 25  |
| Laborers (per day),                   |      |   |   |   | \$1 50 to   | 2 00  |
| Night watchman (per week),            |      |   |   |   | 1           | 0 00  |
| Shoemaker (per month),                |      |   |   |   |             | 6 00  |

### VALUATION.

Nov. 30, 1910.

### REAL ESTATE.

| Land, .       |       |        |      |       |        |       |        |     |      |     |     | \$73,600 | 00 |
|---------------|-------|--------|------|-------|--------|-------|--------|-----|------|-----|-----|----------|----|
| Buildings,    |       |        |      |       |        |       |        |     |      |     | . 1 | ,536,175 | 00 |
|               |       |        |      |       |        |       |        |     |      |     |     |          |    |
|               |       | Вет    | TER  | MEN'  | rs an  | ND S  | SUPER  | STR | UCTU | RE. |     |          |    |
| Water tower   | and   | impi   | ove  | men   | t of f | ire s | servic | e,  |      |     |     | 14,700   | 00 |
| Machinery, s  |       |        |      |       |        |       |        |     |      |     |     | 81,390   | 85 |
| Plumbing, et  |       |        |      |       |        |       |        |     |      |     |     | 3,989    |    |
| σ,            | Í     |        |      |       |        |       |        |     |      |     |     | ·        |    |
|               |       |        |      | PE    | RSON   | AL ]  | Estat  | E.  |      |     |     |          |    |
| Provisions an | nd gr | roceri | es,  |       |        |       |        |     |      |     |     | 7,135    | 16 |
| Clothing and  | l clo | thing  | ma   | teria | 1,     |       |        |     |      |     |     | 7,679    | 69 |
| Furnishings,  |       |        |      |       |        |       |        |     |      |     |     | 46,331   | 94 |
| Heat, light a |       |        |      |       |        |       |        |     |      |     |     |          |    |
| Fuel,         |       |        |      |       |        |       |        |     |      |     |     | 863      | 50 |
| All othe      |       |        |      |       |        |       |        |     |      |     |     | 566      | 86 |
| Repairs and   | imp   | roven  | nent | s,    |        |       |        |     |      |     |     | 16,068   | 07 |
| Farm, stable  |       |        |      |       |        |       |        |     |      |     |     |          |    |
| Live sto      |       |        |      |       |        |       |        |     |      |     |     |          |    |
| Produce       |       |        |      |       |        |       |        |     |      |     |     | 11,402   |    |
| Carriage      |       |        |      |       |        |       |        |     |      |     |     | 3,104    |    |
| All othe      | r pro | pert   | у,   |       |        |       |        |     |      |     |     | 4,907    |    |
| Miscellaneou  | ıs,   |        |      |       |        |       |        |     |      |     |     | 5,037    | 45 |
|               |       |        |      |       |        |       |        |     |      |     | \$1 | ,826,929 | 71 |

\$50,149 64

32

### PRODUCTS OF THE FARM AND GARDEN

FOR THE YEAR ENDING Nov. 30, 1910.

|                  | F                             | ARM.   |   |   |   |   |   |            |
|------------------|-------------------------------|--------|---|---|---|---|---|------------|
| 365              | tons English hay, at \$21,    |        |   |   |   |   |   | \$7,665 00 |
|                  | tons meadow hay, at \$10,     |        |   |   |   |   |   | 250 00     |
|                  | tons ensilage, at \$5,        |        |   |   |   |   |   | 1,330 00   |
| 120              | tons green fodder, alfalfa, a | t \$7, |   |   |   |   |   | 840 00     |
| 4                | tons green fodder, barley, a  | t \$5, |   |   |   |   |   | 20 00      |
| $131\frac{1}{2}$ | tons green fodder, clover, ar | t \$7, |   |   |   |   |   | 920 50     |
| $18\frac{1}{2}$  | tons green fodder, corn, at   | \$5,   |   |   |   |   |   | 92 50      |
|                  | tons green fodder, millet, at | ,      |   |   |   |   |   | 27 50      |
| _                | tons green fodder, oats, at § | ,      |   |   |   |   |   | 356 25     |
|                  | tons green fodder, rowen, a   |        |   |   |   |   |   | 234 00     |
| $27\frac{1}{2}$  | tons green fodder, rye, at \$ | 5,     |   |   |   |   |   | 137 50     |
|                  | tons green fodder, wheat, a   |        |   |   |   |   |   | 36 00      |
| 40               | tons oats, for hay, at \$15,  |        |   |   |   |   |   | 600 00     |
| 400              | cords manure, at \$5,         |        |   |   |   |   |   | 2,000 00   |
|                  | barrels hen manure, at \$1,   |        |   |   |   |   |   | 400 00     |
| 1,200            | tons ice, at \$3,             |        |   |   |   | • |   | 3,600 00   |
| 300              | barrels apples, at \$3,       |        |   |   |   | • |   | 900 00     |
|                  | bushel pears, at \$1.75,      |        | ٠ |   |   | • |   | 262 50     |
|                  | pounds beef, steer, at \$0.10 | •      |   |   |   | • |   | 222 50     |
|                  | pounds beef, cow, at \$0.07,  |        |   | • |   |   |   | 885 50     |
|                  | pounds pork, at \$0.10, .     |        | ٠ |   | ٠ |   | ٠ | 5,203 10   |
|                  | pounds fowl, at \$0.18,       | •      |   |   |   |   |   | 370 08     |
|                  | pounds chicken, at \$0.24,    |        |   |   |   | • |   | 801 84     |
|                  | gallons cider, at \$0.10,     |        |   |   |   |   | ٠ | 114 00     |
|                  | gallons vinegar, at \$0.12,   |        |   |   |   |   | ٠ | 69 12      |
|                  | quarts milk, at \$0.06,       | •      | ٠ |   | • |   | ٠ | 19,721 52  |
| 0,890            | dozen eggs, at \$0.30,        | •      | ٠ | • | • | • | ٠ | 2,068 80   |
|                  | Sold: —                       |        |   |   |   |   |   | 281 00     |
|                  | Calves,                       |        |   |   |   |   |   | 3 00       |
|                  | Pigs,                         |        |   |   |   |   | • | 238 91     |
|                  | Hides,                        |        |   |   |   |   | ٠ | 498 52     |
|                  | Ice,                          | •      | • | • | • | • | • | 490 52     |

### GARDEN.

| $10^{1}_{3}$ | boxes asparagus, at \$4.50,             |       |       |    |  |  | \$46 | 50 |
|--------------|---|-------|-------|----|--|--|------|----|
| 46           | bushels beans, dry, at \$2.25           | ŏ,    |       |    |  |  | 103  | 50 |
|              | bushels beans, string, wax,             |       |       |    |  |  | 75   | 00 |
| 75           | bushels beans, string, green            | ı, at | \$0.7 | 5, |  |  | 56   | 25 |
|              | bushels beets, at \$0.60,               |       |       |    |  |  | 511  | 20 |
| 20           | tons cabbage, at \$10, .                |       |       |    |  |  | 200  | 00 |
| 1,400        | bushels carrots, at \$0.60,             |       |       |    |  |  | 840  | 00 |
| 150          | boxes cauliflower, at \$1,              |       |       |    |  |  | 150  | 00 |
|              | boxes celery, at \$1, .                 |       |       |    |  |  | 100  | 00 |
|              | bushels corn, green, at \$0.7           |       |       |    |  |  | 341  | 25 |
|              | boxes cucumbers, at \$1.50,             |       |       |    |  |  | 150  | 00 |
|              | bushels chard, at \$0.35,               |       |       |    |  |  | 140  | 00 |
|              | boxes lettuce, at \$0.75,               |       |       |    |  |  | 67   | 50 |
|              | bushels onions, at \$0.85,              |       |       |    |  |  | 255  | 00 |
|              | bushels parsnips, at \$1,               |       |       |    |  |  | 414  | 00 |
|              | bushels peas, at \$1, .                 |       |       |    |  |  | 150  | 00 |
|              | pounds pumpkins, at \$0.03              |       |       |    |  |  | 36   | 00 |
|              | dozen bunches radishes, at              |       |       |    |  |  | 30   | 00 |
|              | pounds rhubarb, at \$0.02,              |       |       |    |  |  | 140  | 00 |
|              | bushels spinach, at \$0.40,             |       |       |    |  |  | 160  | 00 |
|              | tons squash, winter, at \$30            |       |       |    |  |  | 240  | 00 |
|              | bushels tomatoes, ripe, at \$           |       |       |    |  |  | 412  | 50 |
|              | barrels turnips, at \$1.25,             |       |       |    |  |  | 700  | 00 |
|              | bushels scullions, at \$0.75,           |       |       |    |  |  | 15   | 00 |
|              | pounds grapes, at \$0.03,               |       |       |    |  |  | 7    | 20 |
|              | boxes strawberries, at \$0.10           |       |       |    |  |  | 150  |    |
| ,            | , | ′     |       |    |  |  |      |    |

\$5,490 90

### TREASURER'S REPORT.

To the Trustees of the Danvers State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1910:—

|                               | CAS  | H Accoun   | T.  |          |    |              |   |
|-------------------------------|------|------------|-----|----------|----|--------------|---|
| Balance Dec. 1, 1909,         |      |            |     |          |    | \$11,063 02  |   |
|                               |      | Receipts.  |     |          |    |              |   |
| Institution Receipts.         |      |            |     |          |    |              |   |
| Board of inmates: —           |      |            |     |          |    |              |   |
| Private,                      |      | \$38,655   |     |          |    |              |   |
| Reimbursements, .             |      | 22,722     | 63  | \$61,378 | 27 |              |   |
| Salaries, wages and labor: —  |      |            |     | ψ01,570  |    |              |   |
| Wages not called for, .       |      |            |     | 33       | 61 |              |   |
| Sales: —                      |      |            |     |          |    |              |   |
| Food,                         |      | \$294      | 78  |          |    |              |   |
| Clothing and materials,       |      | 623        | 79  |          |    |              |   |
| Furnishings,                  |      | 6          | 97  |          |    |              |   |
| Heat, light and power,        |      | 128        | 59  |          |    |              |   |
| Repairs and improvements,     |      | 201        | 54  |          |    |              |   |
| Miscellaneous,                |      | 324        | 68  |          |    |              |   |
|                               |      |            |     | 1,580    | 35 |              |   |
| Farm, stable and grounds: -   |      |            |     |          |    |              |   |
| Cows and calves, .            |      | \$281      | 00  |          |    |              |   |
| Pigs and hogs,                |      | 3          | 00  |          |    |              |   |
| Hides,                        |      | 238        | 91  |          |    |              |   |
| Ice,                          |      | 498        | 52  |          |    |              |   |
| Use of teams,                 |      | 328        | 20  |          |    |              |   |
| Sundries,                     |      | 16         | 00  |          |    |              |   |
| , , , , , ,                   |      |            |     | 1,365    | 63 |              |   |
| Miscellaneous receipts: —     |      |            |     | ,        |    |              |   |
| Interest on bank balances,    |      | \$301      | 68  |          |    |              |   |
| Rent,                         |      |            | 00  |          |    |              |   |
| Sundries,                     |      | 27         | 36  |          |    |              |   |
| Salation, 1                   |      |            |     | 359      | 04 |              |   |
|                               |      |            |     |          |    | 64,716 90    | ) |
| Receipts from Treasury of     |      | monwealth. |     |          |    |              |   |
| Maintenance appropriations: — |      |            |     |          |    |              |   |
| Balance of 1909,              |      |            |     | \$3,587  | 63 |              |   |
| Advance money (amount o       | n ha | nd Novem   | ber |          |    |              |   |
| 30),                          |      |            |     | 15,500   | 00 |              |   |
| Approved schedules of 191     |      |            |     |          |    |              |   |
| Less returned,                |      | 5          | 00  |          |    |              |   |
|                               |      |            |     | 288,911  | 54 |              |   |
|                               |      |            |     |          |    | 307,999 17   |   |
| Special appropriations, .     |      |            |     |          |    | 7,566 20     | ) |
| Total,                        |      |            |     | . :      |    | \$391,345 29 | ) |

|  |                  | Danm    | omto  |       |                        |                     |
|--|------------------|---------|-------|-------|------------------------|---------------------|
|  |                  | Paym    |       | ,     | 004 510 00             |                     |
| To treasury of Commonwealth,<br>Maintenance appropriations:— |                  | tution  | recei | ipts, | \$64,716 90            |                     |
| Balance November schedul                                     |                  | 09,     |       |       | 14,650 65              |                     |
| Eleven months' schedules, 1                                  | 1910,            |         |       |       | 288,911 54             |                     |
| November advances, .   |                  |         |       |       | 8,976 71               |                     |
|  |                  |         |       |       |                        | \$377,255 80        |
| Special appropriations: —                                    |                  |         |       | ,     |                        |                     |
| Approved schedules (less ad                                  |                  |         |       |       |                        | 7 566 00            |
| 1909),   | ٠                | •       | •     | •     |                        | 7,566 20            |
| Balance Nov. 30, 1910: —                                     |                  |         |       |       |                        |                     |
| In bank  |                  |         |       |       | \$3,149 15<br>3.374 14 |                     |
| In bank, In office,  | :                | :       |       |       | 3,374 14               |                     |
| in omec,   | •                | •       | •     | •     |                        | 6,523 29            |
|  |                  |         |       |       |                        |                     |
| Total,   |                  |         |       |       |                        | \$391,345 29        |
| 2002,  |                  |         |       |       |                        | *,                  |
|  | $\mathbf{M}_{2}$ | AINTE   | NANC  | E.    |                        |                     |
| Appropriation,   |                  |         |       |       |                        | \$296,500 00        |
| Appropriation, Expenses (as analyzed below),                 |                  |         |       |       |                        | 320,497 98          |
|  |                  |         |       |       |                        |                     |
| Deficiency,  |                  |         | •     |       |                        | \$23,997 98         |
|  |                  |         |       |       |                        |                     |
|  | alys             | is of I | Expen | ses.  |                        |                     |
| Salaries, wages and labor: —                                 |                  |         |       |       | 000 500 50             |                     |
| General administration,                                      | ٠                | •       | •     | •     | \$33,583 52            |                     |
| Medical service,   | •                | •       | •     | •     | 12,668 19              |                     |
| Ward service (male), Ward service (female),                  | •                |         | •     | •     | 18,097 46<br>21,677 36 |                     |
| Repairs and improvements,                                    | •                |         | •     | •     | 23,821 89              |                     |
| Farm, stable and grounds,                                    |                  |         |       |       | 13,841 87              |                     |
| Tarm, stable and grounds,                                    | •                | •       | •     | •     |                        | \$123,690 29        |
| Food: —  |                  |         |       |       | •                      | <b>012</b> 0,100 =0 |
| Butter,  |                  |         |       |       | \$11,737 01            |                     |
| Butterine,   |                  |         |       |       | 279 38                 |                     |
| Beans,   |                  |         |       |       | 2,456 45               |                     |
| Bread and crackers, .  |                  |         |       |       | 942 90                 |                     |
| Cereals, rice, meal, etc.,                                   |                  |         |       |       | 1,912 84               |                     |
| Cheese,  |                  |         |       |       | 762 28                 |                     |
| Eggs,  |                  |         |       |       | 1,992 90               |                     |
| Flour,   |                  | •       |       | •     | 13,554 28              |                     |
| Fish,  | •                | •       | •     | •     | 3,112 32               |                     |
| Fruit (dried and fresh),                                     |                  | •       | •     | •     | 2,196 38               |                     |
|  | ٠                | •       | •     | •     | 19,874 15              |                     |
| Milk,  | ٠                | •       | •     | •     | 1,326 00<br>866 87     |                     |
| Molasses and syrup, . Sugar,                                 | •                | •       | •     | •     | 3,497 48               |                     |
| Sugar,   | ,                | :       | •     |       | 2,125 78               |                     |
| Vegetables,  |                  | :       | •     | •     | 3,716 11               |                     |
| Sundries,  |                  | •       |       | •     | 2,028 17               |                     |
| ~  |                  |         | ·     | ·     |                        | 72,381 30           |
| Clothing and materials: -                                    |                  |         |       |       |                        | ,                   |
| Boots, shoes and rubbers,                                    |                  |         |       |       | \$2,657 03             |                     |
| Clathing   |                  |         |       |       | 0.500.00               |                     |

9,582 80

\$12,239 83 \$196,071 59

Clothing, . . .

Amounts carried forward, .

| $. \ A mounts \ brought \ forward,$  |            |       |    |   | \$12,239 83 | \$196,071 59 |
|--|------------|-------|----|---|-------------|--------------|
| Clothing and materials — Con.  |            |       |    |   |             |              |
| Dry goods for clothing and   | smal       | lware | 2  |   | 3,641 93    |              |
| Furnishing goods, .  | SILICIL    | waro  | ٠, | : | 509 18      |              |
|  |            | :     | •  | • | 115 63      |              |
| Leather and shoe findings,   | ٠          | •     | •  | • | 93 91       |              |
| Deather and shoe infuligs,   | •          | •     | ٠  | • | 90 91       | 16 600 49    |
| Furnishings: —   |            |       |    |   |             | 16,600 48    |
| Beds, bedding, table linen,  | etc        |       |    |   | \$12,735 44 |              |
| Brushes, brooms, .   |            |       |    |   | 836 33      |              |
| Carpets, rugs, etc.,   | •          | ·     | •  | · | 366 32      |              |
| Crockery, glassware, cutler  | v etc      | •     | •  | : | 1,412 25    |              |
| Furniture and upholstery,  | y, c.c.    | •,    | •  | • | 402 37      |              |
| Kitchen furnishings, .   | •          | •     |    | • | 2,136 71    |              |
| Wooden were buckets neil   | a oto      | •     | •  | • | 433 30      |              |
| Wooden ware, buckets, pail   | s, ere     | .,    | •  |   |             |              |
| Sundries,  | •          | •     | •  | • | 1,336 55    | 10.000.07    |
| That Pale I amount   |            |       |    |   |             | 19,659 27    |
| Heat, light and power: —   |            |       |    |   | 011 104 15  |              |
| Coal, Freight on coal,   | •          | •     | ٠  | • | \$11,164 15 |              |
| Freight on coal,   | •          |       | ٠  | • | 1,091 84    |              |
| Gas,   |            |       |    |   | 502 34      |              |
| Oil,   |            |       |    |   | 570 35      |              |
| Sundries,  |            |       |    |   | 822 86      |              |
|  |            |       |    |   |             | 14,151 54    |
| Repairs and improvements:—   |            |       |    |   |             |              |
| Brick,   |            |       |    |   | \$782 90    |              |
| Cement, lime and plaster,  |            |       |    |   | 991 12      |              |
| Doors, sashes, etc., .   |            |       |    |   | 469 04      |              |
| Doors, sashes, etc., . Electrical work and supplies  | s.         |       |    |   | 2,438 83    |              |
| Hardware,  |            |       |    |   | 2,153 44    |              |
|  |            |       |    |   | 4,471 84    |              |
| Machinery, etc., . Paints, oil, glass, etc.,   | •          |       |    |   | 328 00      |              |
| Paints oil class etc   | •          | •     |    |   | 4,643 54    |              |
| Plumbing, steam fitting and  | ·<br>Leunr | lioc  |    | • | 11,311 32   |              |
| Danford and materials  | r subį     | ones, |    |   | 411 01      |              |
| Roofing and materials,<br>Sundries,  | •          | •     | •  | • |             |              |
| Sundries,  | •          | •     | ٠  | • | 4,555 34    | 00 550 00    |
| The second secon |            |       |    |   |             | 32,556 38    |
| Farm, stable and grounds: —  |            |       |    |   | 0000 00     |              |
| Blacksmith and supplies,<br>Carriages, wagons, etc., and   | ٠          |       | ٠  | • | \$326 38    |              |
| Carriages, wagons, etc., and   | repa       | ırs,  | ٠  | • | 612 91      |              |
| Fertilizers, vines, seeds, etc.  | ,          |       |    |   | 2,766 37    |              |
| Hay, grain, etc.,  | •          |       |    |   | 9,751 54    |              |
| Harnesses and repairs,   |            |       |    |   | 177 97      |              |
| Cows, Other live stock, .  |            |       |    |   | 1,130 00    |              |
| Other live stock, .  |            |       |    |   | 58 00       |              |
| Tools, farm machines, etc.,  |            |       |    |   | 1,940 03    |              |
| Sundries,  |            |       |    |   | 1,398 82    |              |
|  |            |       |    |   |             | 18,162 02    |
| Miscellaneous: —   |            |       |    |   |             |              |
| Books, periodicals, etc.,  |            |       |    |   | \$651 12    |              |
| Chapel services and enterta  | inmer      | nts,  |    |   | 712 06      |              |
| Freight, expressage and tran   |            |       |    |   | 2,608 86    |              |
| Gratuities,  |            |       |    |   | 284 72      |              |
| Hose, etc.,  |            |       |    |   | 124 92      |              |
| 22020, 0001, 1   |            |       | •  |   |             |              |
| Amounts carried forward,   |            |       |    |   | \$4,381 68  | \$297,201 28 |
| ,  |            |       |    |   | ,302 30     |              |

| Amounts brought forward, .           |         |       |        | \$4,381 | 68 | \$297,201 | 28 |
|--------------------------------------|---------|-------|--------|---------|----|-----------|----|
| Miscellaneous — Con.                 |         |       |        |         |    |           |    |
| Medicines and hospital supplies,     |         |       |        | 4,801   | 15 |           |    |
| Medical attendance, nurses, etc.     | (extra  | ),    |        | 20      | 00 |           |    |
| Postage,                             |         |       |        | 724     | 59 |           |    |
| Printing and printing supplies,      |         |       |        | 466     | 04 |           |    |
| Printing annual report, .            |         |       |        | 169     | 54 |           |    |
| Return of runaways,                  |         |       |        | 82      | 54 |           |    |
| Soap and laundry supplies, .         |         |       |        | 2,097   | 52 |           |    |
| Stationery and office supplies,      |         |       |        | 1,359   | 66 |           |    |
| School books and school supplies     |         |       |        | 22      | 33 |           |    |
| Travel and expenses (officials),     |         |       |        | 374     | 46 |           |    |
| Telephone and telegraph, .           |         |       |        | 470     | 30 |           |    |
| Tobacco,                             |         |       |        | 1,168   | 38 |           |    |
| Water,                               |         |       |        | 5,738   | 29 |           |    |
| Sundries,                            |         |       |        | 1,420   | 22 |           |    |
|                                      |         |       |        |         |    | 23,296    | 70 |
| Total expenses for maintena          | nce,    |       |        |         | •  | \$320,497 | 98 |
| Special .                            | Appro   | PRIA' | rions. |         |    |           |    |
| Appropriation for fiscal year, .     |         |       |        |         |    | \$11,000  | 00 |
| Expended during the year (see statem | ent a   | nnexe | ed),   |         | ·  | 7,566     |    |
| Balance Nov. 30, 1910, .             |         |       |        |         |    | \$3,433   | 80 |
| Resources                            | AND     | LIAB  | ILITIE | es.     |    |           |    |
| R                                    | esourc  | es. 1 |        |         |    |           |    |
| Cash on hand,                        |         |       |        | \$6,523 | 29 |           |    |
| November cash vouchers (paid from ac | lvance  | mon   | ey),   | 8,976   | 71 |           |    |
| Due from treasury of Commonwealth    | accou   | int N | To-    |         |    |           |    |
| vember, 1910, schedule,              |         |       |        | 16,086  | 44 |           |    |
|                                      |         |       |        |         | _  | \$31,586  | 44 |
|                                      | iabilit | ies.  |        |         |    |           |    |
| Schedule of November bills, .        | •       |       |        |         |    | \$31,586  | 44 |

<sup>&</sup>lt;sup>1</sup> Deficiency shown under maintenance was met by a transfer under chapter 549, Acts of 1908, prior to November 30.

Special Appropriations.

| Object.                                | Act or Resolve.                   | Whole Amount. | Expended during<br>Fiscal Year. | Expended to Date. | Balance at End<br>of Year. |
|--|-----------------------------------|---------------|---------------------------------|-------------------|----------------------------|
| Reconstruction of laundry building, Ac | Acts 1910, chap. 127, \$11,000 00 | \$11,000 00   | \$7,566 20                      | \$7,566 20        | \$7,566 20 \$3,433 80      |

# Respectfully submitted,

SCOTT WHITCHER,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,
Assistant Supervisor of Accounts.

# STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



1. — General Statistics of the Year.

| j j                       | .sletoT  | 2,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |
|---------------------------|----------|---|
| AGGREGATES                | Females. | 8888 44   |
| Ac                        | .səlsM   | 28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28.58<br>28<br>28.58<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28<br>28 |
| ES.                       | Totals.  | 00000000000000000000000000000000000000  |
| INEBRIATES.               | Females. | 101011111111111111111111111111111111111   |
| IN                        | Males.   |   |
| RY                        | Totals.  |   |
| TEMPORARY<br>CARE.        | Females. |   |
| TE                        | Males.   | 1-11-1111111-111111111111   |
| RY,                       | Totals.  | <u></u>   |
| VOLUNTARY,<br>NOT INSANE. | Females. | HETTETT   |
| VOI                       | Males.   | 101101111111110001111011111   |
|                           | .slatoT  | 1,420<br>616<br>514<br>514<br>616<br>62<br>62<br>62<br>62<br>62<br>62<br>62<br>62<br>63<br>63<br>63<br>63<br>63<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64<br>64   |
| INSANE.                   | Females. | 88288<br>4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
|                           | Males.   | **************************************  |
|                           |          |   |
|                           |          |   |
|                           |          | tal Sept. 30, 1909, year, miniment, re, vation, s, for discharge, e year, d, of self-support, d, orved, ne, ber I, 1910, for commitment,  |
|                           |          | Patients in the hospital Sept. 30, 190, Admitted within the year.  Viz.: by regular commitment, voluntary, temporary care, viz.: observation, others, from secape, from secape, from secape, Viz.: from visit, from visit, from visit, from secape, Viz.: from visit, from secape, Viz.: from visit, visit which a preservered, as mprovered, as merovered, as recovered, as not improved, died, transferred, escaped, on visit October I, 1910, on visit October I, 1910,  |

1. — General Statistics of the Year — Concluded.

|                    | Totals.  | 1,483<br>1,477<br>5<br>1,214<br>1,214<br>1,214<br>1,981<br>1,981<br>1,981<br>562<br>503<br>1,1413,692<br>1,143,692<br>1,143,692<br>1,143,692<br>1,143,692<br>1,143,692<br>1,143,693<br>1,34,673<br>1,34,673<br>1,34,673   |
|--------------------|----------|---|
| Aggregates.        | Females. | 856<br>852<br>852<br>852<br>803<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82   |
| AG                 | Males.   | 627<br>625<br>626<br>626<br>626<br>58<br>58<br>58<br>58<br>297<br>227<br>280<br>280<br>280<br>280<br>280<br>280<br>280<br>280<br>280<br>280   |
| es.                | Totals.  |   |
| INEBRIATES         | Females. | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8   |
| INE                | Мадеа.   | 11111111111 11 1111111 11111  |
| 3.Y                | .sletoT  | 0.00  |
| TEMPORARY<br>CARE. | Females. | 11111111111 11 1111111 1111   |
| TEN                | Males.   | . 0.09  |
| Ĕ,                 | Totals.  | ।।।।।।।वल ००व वर्गा।।।।।।।।   |
| VOLUNTARY,         | Females. |   |
| Vol                | Males.   | 1   |
|                    | Totala.  | 1,474<br>1,489<br>1,205<br>1,205<br>1,205<br>1,205<br>1,205<br>1,205<br>1,205<br>1,148<br>451<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1,148,027<br>1, |
| INSANE.            | Females. | 848<br>844<br>844<br>844<br>844<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82<br>82   |
|                    | Males.   | 626<br>626<br>627<br>515<br>585<br>587<br>527<br>877<br>877<br>877<br>878<br>878<br>878<br>878<br>878<br>878<br>8   |
|                    |          | Patients remaining September 30, 1910,  Viz. regularly committed, emergency, voluntary, temporary case supported as State patients, supported as reimbursing patients, supported as private patients, supported as private patients, Number of different persons within the year, Number of different persons admitted, community, Number of different persons dismissed, Number of different persons dismissed to the community of the community of the companies of the companies of different persons dismissed to the community Number of different persons recovered, Number of different persons expable of self-support, Daily averge number of patients, private patients, Whole number of voluntary admissions, Whole number of voluntary admissions, Whole number of temporary care admissions, Whole number of temporary care admissions, Daily average number of temporary care patients,   |

### 2. — Insane received on First and Subsequent Commitments.

|                           |       |       |        |      |     |     | CA     | SES COMMITTE | ED.     |
|---------------------------|-------|-------|--------|------|-----|-----|--------|--------------|---------|
| NUMBER O                  | F C   | OMN   | 1ITM   | IENT | rs. |     | Males. | Females.     | Totals. |
| First to this hospital, . |       |       |        |      |     |     | 247    | 211          | 458     |
| Second to this hospital,  |       |       |        |      |     |     | 22     | 18           | 40      |
| Third to this hospital,   |       |       |        |      |     | .   | 8      | 8            | 16      |
| Fourth to this hospital,  |       |       |        |      |     | - i | 1      | -            | 1       |
| Fifth to this hospital, . |       |       |        |      |     |     | -      | 1            | 1       |
| Sixth to this hospital,   |       |       |        |      | :   | .   | -      | 1            | 1       |
| Seventh to this hospital, |       |       |        |      |     | .   | -      | 1            | 1       |
| Twelfth to this hospital, | •     |       |        |      | •   |     | -      | 1            | 1       |
| Total cases,              |       |       |        |      |     |     | 278    | 241          | 519     |
| Total persons, .          |       |       |        |      |     |     | 277    | 239          | 516     |
| Never before to any hospi | tal f | or th | e insa | ane, |     | .   | 233    | 194          | 427     |

# 3.—Nativity and Parentage of Insane Persons first admitted to Any Hospital.

|                    |       | ,     |     |     |           | Males    |          | F         | EMALE    | s.       |           | TOTAL    | s.       |
|--------------------|-------|-------|-----|-----|-----------|----------|----------|-----------|----------|----------|-----------|----------|----------|
| PLACES OF          | NA    | TIVI  | TY. |     | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. | Patients. | Fathers. | Mothers. |
| Massachusetts,     |       |       |     |     | 92        | 43       | 47       | 74        | 28       | 27       | 166       | 71       | 74       |
| Other New England  | l Sta | ates, |     |     | . 30      | 41       | 36       | 24        | 24       | 22       | 54        | 65       | 58       |
| Other States, .    |       |       | ٠   |     | 11        | 5        | 4        | 8         | 6        | 6        | 19        | 11       | 10       |
| Total native,      |       |       |     | •   | 133       | 89       | 87       | 106       | 58       | 55       | 239       | 147      | 142      |
| Other countries:   | _     |       |     |     |           |          |          |           |          |          |           |          |          |
| Armenia,           |       |       |     |     | 1         | 1        | 1        | -         | -        | -        | 1         | 1        | 1        |
| Austria,           |       |       |     |     | -         | - 1      | -        | 2         | 2        | 2        | 2         | 2        | 2        |
| Bohemia,           |       |       |     |     | 1         | 1        | 1        | -         | -        | -        | 1         | 1        | 1        |
| British Provinces, |       |       |     |     | 31        | 35       | 38       | 17        | 21       | 27       | 48        | 56       | 65       |
| Denmark, .         |       |       |     |     |           | -        | 1        | 1         | 1        | 1        | 1         | 1        | 2        |
| England,           |       |       |     |     | 5         | 10       | 8        | 8         | 11       | 11       | 13        | 21       | 19       |
| Finland,           |       |       |     | . 1 | 2         | 2        | 2        | -         | -        | -        | 2         | 2        | 2        |
| France,            |       |       |     |     | 2         | 2        | 2        | 1         | 1        | 1        | 3         | 3        | 3        |
| Ireland,           |       |       |     |     | 22        | 47       | 50       | 36        | 67       | 66       | 58        | 114      | 116      |
| Italy,             |       |       |     |     | 4         | 4        | 4        | 1         | 1        | 1        | 5         | 5        | 5        |
| Germany, .         |       |       |     |     | 2         | 4        | 3        | 4         | 4        | 4        | 6         | 8        | 7        |
| Greece,            |       |       |     |     | 2         | 2        | 2        | -         | -        | -        | 2         | 2        | 2        |
| Norway,            |       |       |     | . 1 | 1         | 2        | 1        | -         | -        | -        | 1         | 2        | 1        |
| Poland,            |       |       |     | . 1 | 9         | 9        | 9        | 1         | 1        | 1        | 10        | 10       | 10       |
| Russia,            |       |       |     |     | 10        | 10       | 10       | 8         | 9        | 9        | 18        | 19       | 19       |
| Scotland,          |       |       |     |     | 4         | 7        | 5        | 2         | 3        | 2        | 6         | 10       | 7        |
| Slavonia,          |       |       |     |     | 1         | 1        | 1        | - 1       | -        | -        | 1         | 1        | 1        |
| Sweden,            |       |       |     |     | 3         | 4        | 4        | 4         | 5        | 5        | 7         | 9        | 9        |
| Turkey,            |       |       |     |     | -         | -        | - 1      | 1         | 1        | 1        | 1         | 1        | 1        |
| West Indies, .     | •     | ٠     | ٠   |     | -         | -        | -        | 2         | 1        | 1        | 2         | 1        | 1        |
| Total foreign.     |       |       |     |     | 100       | 141      | 142      | 88        | 128      | 132      | 188       | 269      | 274      |
| Unknown, .         |       |       |     |     | -         | 3        | 4        | -         | 8        | 7        | -         | 11       | 11       |
| Totals, .          |       |       |     |     | 233       | 233      | 233      | 194       | 194      | 194      | 427       | 427      | 427      |

# 4. — Residence of Insane Persons admitted from the Community.

|   | г      | ADMI<br>O ANY |         |        | OTHER<br>MISSIO |         | Т      | 'OTALS   |         |
|---|--------|---------------|---------|--------|-----------------|---------|--------|----------|---------|
| PLACES.                                 | Males. | Femalcs.      | Totals. | Males. | Females.        | Totals. | Males. | Females. | Totals. |
| Barnstable County,                      | _      | -             | -       | 1      | -               | 1       | 1      | -        | 1       |
| Essex County,                           | 135    | 98            | 233     | 26     | 22              | 48      | 161    | 120      | 281     |
| Middlesex County,                       | 50     | 62            | 112     | 10     | 11              | 21      | 60     | 73       | 133     |
| Norfolk County,                         | 1      | 1             | 2       | -      | -               | -       | 1      | 1        | 2       |
| Suffolk County,                         | 46     | 33            | 79      | 7      | 12              | 19      | 53     | 45       | 98      |
| Worcester County,                       | 1      | -             | 1       | -      | _               | -       | 1      | -        | 1       |
| Totals,                                 | 233    | 194           | 427     | 44     | 45              | 89      | 277    | 239      | 516     |
| Cities or large towns (10,000 or over), | 201    | 175           | 376     | 41     | 39              | 80      | 242    | 214      | 456     |
| Country districts (under 10,000), .     | 32     | 19            | 51      | 3      | 6               | 9       | 35     | 25       | 60      |

# 5. — Civil Condition of Insane Persons first admitted to Any Hospital.

|            |  |  |  |  | - | Males. | Females. | Totals. |
|------------|--|--|--|--|---|--------|----------|---------|
| Unmarried, |  |  |  |  |   | 109    | 70       | 179     |
| Married,   |  |  |  |  |   | 96     | 89       | 185     |
| Widowed,   |  |  |  |  |   | 24     | 31       | 55      |
| Divorced,  |  |  |  |  |   | 4      | 3        | 7       |
| Unknown,   |  |  |  |  |   | -      | 1        | 1       |
| Totals,    |  |  |  |  | ٠ | 233    | 194      | 427     |

### 6. — Occupations of Insane Persons first admitted to Any Hospital. Males.

|  |   |   |   | MIA                   | DES.   |   |   |   |   |                |
|--|---|---|---|-----------------------|--|---|---|---|---|----------------|
|  |   |   |   |                       |  |   |   |   |   |                |
| Agents, .  |   |   |   | 5                     | Leather workers  |   |   |   |   | 9              |
| Agents, Barbers, Bakers, Blacksmiths, Bookkeeper, Business men, Carpenters, Civil engineer, Clerks, Coachman | • | • | • | $\stackrel{\circ}{2}$ | Letter carrier, Machinists, Manufacturers, Masons, Messenger boy, Motorman, Musicians  | , | • | • | • | ĭ              |
| Palrora  | • | • | • | $\frac{2}{2}$         | Machinists   | • | • | • | • | $\frac{1}{5}$  |
| Dakers,  |   | • | • | $\frac{2}{2}$         | Manufactures,  | • | • | • | • | 3              |
| Blacksmiths,   |   | • | • | $\frac{2}{1}$         | Manufacturers,   | • | • | • | • | $\frac{3}{2}$  |
| Bookkeeper,  |   | • | • |                       | Masons, .  |   |   | ٠ | ٠ | 2              |
| Business men,  |   | • | • | 3                     | Messenger boy,   | • | • |   |   | 1              |
| Carpenters,  |   |   |   | 8                     | Motorman,  |   |   |   |   | 1              |
| Civil engineer,  |   |   |   | 1                     | Musicians, .   |   |   |   |   | 2              |
| Clerks, .  |   |   |   | 14                    | Operatives, .  |   |   |   |   | 17             |
| Coachman, .  |   |   |   | 1                     | Overseer, .  |   |   |   |   | 1              |
| Conductor, .   |   |   |   | 1                     | Packer, .  |   |   |   |   | 1              |
| Cooks.   |   |   |   | 2                     | Painters   |   |   |   |   | 4              |
| Dentist  |   |   |   | 1                     | Pedler.  |   |   |   |   | 1              |
| Draughtsmen  |   |   |   | $\overline{2}$        | Piano maker  |   |   |   |   | î              |
| Clerks, Coachman, Conductor, Cooks, Dentist, Draughtsmen, Druggist,  |   |   | • | 1                     | Messenger boy, Motorman, Musicians, . Operatives, . Overseer, . Packer, . Painters, . Pedler, . Piano maker, Printer, .                  | • | • | • |   | 1              |
| Electricians,  |   | • |   | $\frac{1}{2}$         | Sailor   |   | • | • |   | 1              |
| Engineer   | • | • | • | $\frac{2}{1}$         | Piano maker, Printer, Sailor, Sailor, Salesmen, Shoemakers, Steam fitter, Storekeepers, Students, Tailors, Teamsters, Tinsmiths, Waiter, | • | • | • | • | 3              |
| Engineer, . Farmers, .   | • | • | • | $\frac{1}{4}$         | Salesmen, .  | • | • | • | • | $\frac{3}{28}$ |
| rarmers, .   |   | • | • |                       | Snoemakers,  | • | • | • | • | 20             |
| Fireman, .<br>Fish cutter,   |   | • | ٠ | 1                     | Steam fitter,  | • | • | ٠ | ٠ | 1              |
| Fish cutter,   |   | • | • | 1                     | Storekeepers,  |   |   |   |   | 2              |
| Fishermen, .   |   |   |   | 3                     | Students, .  |   |   |   |   | $\frac{2}{2}$  |
| Gardeners, .   |   |   |   | $^{2}$                | Tailors, .   |   |   |   |   | 7              |
| Fishermen, . Gardeners, . Harness maker, Hatters, .  |   |   |   | 1                     | Teamsters, .   |   |   |   |   | $\frac{1}{2}$  |
| Hatters, . Hostlers, . Insurance agent,  |   |   |   | 3                     | Tinsmiths, .   |   |   |   |   | $^{2}$         |
| Hostlers, .  |   |   |   | 2                     | Waiter, .<br>Weavers, .  |   |   |   |   | 1              |
| Insurance agent.   |   |   |   | 1                     | Weavers  |   |   |   |   | 2              |
| Iron worker,<br>Janitors,  |   |   |   | 1                     | Retired, .<br>None,  |   |   |   |   | 9              |
| Janitors   |   | · | · | $\bar{2}$             | None   |   | • | · | Ť | 13             |
| Laborers   |   | • |   | ~~                    | 110110,  | • | • | • |   |                |
| Laborers, .<br>Laundry man,  | • | • | • | 1                     | Total, .   |   |   |   |   | 233            |
| Launury man,   |   | • | • | 1                     | Total, .   | • | • | • | • | 200            |
| Lawyer, .  |   | • | ٠ | T                     |  |   |   |   |   |                |
|  |   |   |   |                       |  |   |   |   |   |                |
|  |   |   |   |                       |  |   |   |   |   |                |
|  |   |   |   | Fem                   | ALES.  |   |   |   |   |                |
|  |   |   |   |                       |  |   |   |   |   |                |
|  |   |   |   |                       |  |   |   |   |   |                |
| Artist, Bookkeeper,  |   |   |   | 1                     | Laundress, .   |   |   |   |   | 1              |
| Bookkeeper,  |   |   |   | 1                     | Manicurist,  |   |   |   |   | 1              |
| Clerk,   |   |   |   | 1                     | Nurses, .  |   |   |   |   | 2              |
| Cooks.   |   |   |   | 3                     | Nurses,<br>Operatives,   |   |   |   |   | 19             |
| Dancing teacher  |   |   |   | 1                     | Student  |   |   |   | · | 1              |
| Clerk, Cooks, . Dancing teacher Domestics, .   | , |   | : | ~ -                   | Student,<br>Tailoresses,<br>None,  | • |   | • | • | $\frac{1}{2}$  |
| Droggmakorg  |   | • | • | $\frac{z_1}{2}$       | Yong   |   | • | • | • | 37             |
| Domestics, . Dressmakers, Housekeepers,  |   | • | ٠ | 26                    | Trone,   | • | • | • | • | 31             |
| Housekeepers,  |   | • | • | $\frac{20}{75}$       |  |   |   |   | - |                |
| Housewives,  |   | • | • | 75                    | Total, .   |   | • | ٠ |   | 194            |
|  |   |   |   |                       |  |   |   |   |   |                |

7. - Age of Insane at First Attack, Admission and Death.

|                             |  | FIRST A  | DMITTED T   | FIRST ADMITTED TO ANY HOSPITAL.                          | SPITAL.                                      |   |                               |                  | DIED.                                       | ъ.  |                   |  |
|-----------------------------|--|--|---|--|--|---|-------------------------------|------------------|---|---|-------------------|--|
| O D C V                     | AT   | AT FIRST ATTACK.   | ж.  | WH   | WHEN ADMITTED.                               | SD.   | AT F                          | AT FIRST ATTACK. | OK.   | AT TH   | AT TIME OF DEATH. | TH.  |
| AGES.                       | Males.   | Females.   | Totals.   | Males.   | Females.                                     | Totals.   | Males.                        | Females.         | Totals.                                     | Males.  | Females.          | Totals.  |
| Congenital,                 | 15<br>20<br>21<br>22<br>23<br>23<br>24<br>20<br>23<br>20<br>21<br>20<br>21<br>20<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21 | 14<br>16<br>16<br>16<br>13<br>13<br>14<br>16<br>17<br>18<br>18 | 29<br>4 25<br>24 27<br>27<br>27<br>20<br>30<br>30<br>30 | 22<br>22<br>24<br>24<br>23<br>45<br>40<br>30<br>17<br>17 | 22<br>23<br>24<br>17<br>17<br>18<br>19<br>10 | 26 25 26 25 25 25 25 25 25 25 25 25 25 25 25 25 | 66<br>64<br>113<br>114<br>114 | 1                | 7 2 8 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 1 1 2 4 8 8 2 2 2 8 2 1 1 1 1 2 1 1 1 1 1 1 1 1 | 1                 | - 14 20 33 33 33 33 33 33 33 33 33 33 33 33 33 |
| Totals,                     | 220  | 186  | 406   | 231  | 194  | 425   | 111                           | 91               | 202   | 116   | 91                | 207  |
| Totals,                     | 233  | 194  | 427   | 233  | 194  | 427   | 116                           | 91               | 202   | 116   | 91                | 207  |
| Mean known ages (in years), | 37.76  | 41.06  | 39.07   | 37.49  | 45.32  | 43.02   | 45.04                         | 43.42            | 35.35                                       | 58.57   | 59.19             | 54.45  |

8. — Probable Cause of Mental Diseases in Persons first admitted to Any Hospital.

|                      | osis.             | Totals.          |                  | 1                  | 4          | 51                  | 1           | 1                    | 1            | 1      | 1                   | 1           | 1           | 1                    | t        | 1          | t         |
|----------------------|-------------------|------------------|------------------|--------------------|------------|---------------------|-------------|----------------------|--------------|--------|---------------------|-------------|-------------|----------------------|----------|------------|-----------|
|                      | ARTERIOSCLEROSIS. | Females.         |                  | 1                  | 1          | 22                  | 1           | 1                    | 1            | 1      | 1                   | 1           | 1           | 1                    | 1        | 1          | 1         |
|                      | ARTE              | Males.           |                  | 1                  | 4          | 29                  | 1           | ı                    | 1            | 1      | 1                   | ı           | 1           | 1                    | 1        | 1          | 1         |
|                      |                   | .slatoT          |                  | ı                  | 19         | 6                   | 1           | က                    | 1            | 1      | 1                   | 2           | 1           | 1                    | 1        | 1          | 1         |
| .83                  | агсоногіс.        | Females.         |                  | 1                  | 10         | ı                   | 1           | 1                    | 1            | 1      | 1                   | 1           | 1           | 1                    | 1        | 1          | 1         |
| G CAUSE              | IV                | Males.           |                  | 1                  | 51         | 6                   | t           | က                    | 1            | 1      | 1                   | 67          | ı           | 1                    | 1        | 1          | 1         |
| PREDISPOSING CAUSES. |                   | .elstoT          |                  | ı                  | 10         | ı                   | ı           | -                    | ı            | 1      | 1                   | 1           | 1           | ı                    | 1        | 1          | ı         |
| Pre                  | NEUROTIC.         | Females.         |                  | ı                  | 1          | 1                   | 1           | 1                    | 1            | 1      | 1                   | 1           | 1           | 1                    | 1        | 1          | 1         |
|                      | Z                 | Males.           |                  | ı                  | 10         | 1                   | '           | -                    | 1            | 1      | 1                   | 1           | 1           | 1                    | 1        | 1          | 1         |
|                      | r.                | .elsto'T         |                  | -                  | 4          | က                   | 63          | 24                   | 1            | -      | ı                   | 63          | 21          | 1                    | -        | ı          | ı         |
|                      | HEREDITARY.       | Fema les.        |                  | 1                  | 1          | П                   | 67          | 22                   | 1            | -      | ť                   | 1           | 1           | 1                    | 1        | 1          | 1         |
|                      | HE                | Males.           |                  | -                  | 4          | 67                  | ı           | 2                    | ı            | 1      | 1                   | 63          | 21          | 1                    | -        | ı          | 1         |
|                      |                   | Totals.          |                  | က                  | 61         | 51                  | 4           | 36                   | -            | က      | -                   | 2           | 21          | 2                    | -        | 2          | 10        |
|                      | ADMITTED,         | Females.         |                  | ı                  | 10         | 22                  | 4           | 22                   | -            | က      | -                   | -           | 1           | 1                    | 1        | 7          | ∞         |
|                      | ₹                 | Males.           |                  | က                  | 51         | 29                  | 1           | 14                   | 1            | 1      | 1                   | 9           | 21          | 2                    | П        | ı          | 2         |
|                      |                   |                  |                  |                    | •          | •                   | •           | ٠                    | ٠            | ٠      | ٠                   | •           | ٠           | ٠                    | •        | ٠          | ٠         |
|                      |                   |                  |                  |                    |            |                     |             |                      |              |        |                     |             |             |                      |          |            |           |
|                      |                   | SES.             |                  |                    |            |                     |             |                      |              |        |                     |             |             |                      |          |            |           |
|                      |                   | CAU              |                  | nt,                |            |                     |             | ŗ,                   |              |        | , ·                 |             |             |                      |          |            |           |
|                      |                   | EXCITING CAUSES. |                  | pme                |            |                     |             | defee                |              |        | goite               |             |             | 'sis,                |          |            |           |
|                      |                   | ITI              |                  | evelo              |            | rosis               |             | nal                  | °,           |        | mic                 |             |             | araly                |          |            |           |
|                      |                   | XC               | sical:           | ed d               | ,lc        | oscle               | oirth       | itutic               | cteri        |        | thal                | sy,         | ity,        | ile p                | ty,      | nee        | y,        |
|                      |                   | M                | A. — Physical: — | Arrested developme | Alcohol, . | Arteriosclerosis, . | Childbirth, | Constitutional defee | Climacteric, | Drugs, | Exophthalmic goiter | Epilepsy, . | Heredity, . | Infantile paralysis, | Puberty, | Pregnaney, | Senility, |
|                      |                   |                  | Y -              |                    |            |                     |             |                      |              |        |                     |             |             |                      |          |            |           |

8. — Probable Cause of Mental Diseases in Persons first admitted to Any Hospital — Concluded.

|                     |        |           |         |        |             |         |        | Pre       | DISPOSIN | Predisposing Causes. | .83        |         |        |                   |        |
|---------------------|--------|-----------|---------|--------|-------------|---------|--------|-----------|----------|----------------------|------------|---------|--------|-------------------|--------|
|                     |        | ADMITTED. | •       | HE     | HEREDITARY. | Υ.      | NE     | NEUROTIC. |          | IV                   | ALCOHOLIC. |         | ARTEF  | ARTERIOSCLEROSIS. | osis.  |
| EXCITING CAUSES.    | Males. | Females.  | Totals. | Males. | Females.    | .sls.oT | Males. | Females.  | Totals.  | Males.               | Females.   | Totals. | Males. | Females.          | rlatoT |
| A Physical - Con.   |        |           |         |        |             |         |        |           |          |                      |            |         |        |                   |        |
| Spinal meningitis,  | ı      | 1         | 1       | 1      | 1           | ı       | ı      | ı         | 1        | 1                    | 1          | 1       | ı      | ı                 | ı      |
| Syphilis,           | 26     | -         | 27      |        | 1           | П       | 83     | 1         | 7        | 4                    | 1          | 4       | 1      | 1                 | ı      |
| Surgical operation, | '      | 1         | 1       | 1      | 1           | П       | 1      | 1         | 1        | 1                    | 1          | 1       | 1      | 1                 | 1      |
| Typhoid fever,      | 1      | -         | -       | ı      | ı           | 1       | 1      | 1         | ,        | 1                    | 1          | 1       | 1      | 1                 | ı      |
| Trauma of head,     | 2      | -         | က       | 1      | 1           | 1       | ı      | 1         | 1        | 1                    | 1          | ı       | ı      |                   | -      |
| B. — Mental: —      |        |           |         |        |             |         |        |           |          |                      |            |         |        |                   |        |
| Mental shock,       | 1      | ro        | 9       | ı      | 1           | 1       | į.     | ı         | -        | 1                    | ı          | ı       | ı      | 1                 | ı      |
| Overwork and worry, | 9      | 10        | 16      | -      | 73          | က       | က      | -         | 4        | 1                    | 1          | 1       |        | 1                 | -      |
| Unknown,            | 69     | 100       | 169     | 1      | 9           | 9       | 2      | 20        | 13       | 4                    | 1          | 4       | -      | 1                 | -      |
| Totals,             | 233    | 194       | 427     | 35     | 35          | 20      | 24     | 9         | 30       | 73                   | 10         | 8       | 35     | 23                | 28     |
|                     | -      | -         |         |        |             |         |        |           |          |                      |            |         |        |                   |        |

9. — Probable Duration of Mental Disease before Admission.

| J. — Troducte Buration of       |      |           |              |           |
|---------------------------------|------|-----------|--------------|-----------|
| PREVIOUS DURATION.              |      | FIRST ADM | UTTED TO ANY | Hospital. |
| PREVIOUS DURATION.              |      | Males.    | Females.     | Totals.   |
| Congenital,                     |      | 14        | 15           | 29        |
| Under 1 month,                  |      | 47        | 26           | 73        |
| From 1 to 3 months,             |      | 29        | 34           | 63        |
| 3 to 6 months,                  | .    | 12        | 18           | 30        |
| 6 to 12 months,                 |      | 43        | 27           | 70        |
| 1 to 2 years,                   |      | 34        | 20           | 54        |
| 2 to 5 years,                   |      | 21        | 21           | 42        |
| 5 to 10 years,                  |      | 10        | 15           | 25        |
| 10 to 20 years,                 |      | 6         | 5            | 11        |
| Over 20 years,                  |      | 4         | 2            | 6         |
| Totals,                         |      | 220       | 183          | 403       |
| Unknown,                        |      | 13        | 11           | 24        |
| Not insane,                     |      | -         | -            | _         |
| Totals,                         |      | 233       | 194          | 427       |
| Average known duration (in year | rs), | 1.96      | 2.04         | 2.00      |

10. - Form of Mental Diseases in Patients admitted from the Community, discharged, with their Condition on Discharge, or died.

| II.,       | GES<br>THS.                | Totals.  | 25.<br>11.<br>14.<br>16.<br>16.<br>16.<br>16.<br>16.<br>16.<br>16.<br>16.<br>16.<br>16   | 15<br>15<br>15<br>15<br>15<br>15<br>15  |
|------------|----------------------------|----------|--|---|
| TOTAL      | DISCHARGES<br>AND DEATHS.  | Females. | ω411ω <sup>ω</sup> ω∞1ω1π4   | 408211  |
|            | DIS                        | Males.   | 20111138   | 991187  |
|            |                            | Totals.  | 101 11 1800 9 18 1 11 11 11 11 11 11 11 11 11 11 11 1  | 44-1411   |
|            | DIED.                      | Females. | 1411114461811142   | 181131  |
|            | _                          | Males.   | 222111321321111111111111111111111111111  | 4-1-1-9-1-1   |
|            | 6                          | Totals.  | 11111111111111   | 111111  |
|            | NOT                        | Females. | 11111111111111   | 111111  |
|            | Z.                         | Males.   |  | 111111  |
|            | ED.                        | Totals.  | 24-111151121121151   | 1001100-1   |
|            | NOT                        | Females. | 1111111011111101   | 1011-11   |
|            | IMP                        | Males.   | 0441111211121  | 1111001   |
|            | ξD.                        | Totals.  | 2311112011112  | 01-11011  |
| RGEL       | IMPROVED                   | Females. | . 11111110011111140  | 1-11-11   |
| DISCHARGED | IMP                        | Males.   | 122 112 112 112 112 112 112 112 112 112  | 2111-11   |
| DI         | OF<br>RT.                  | Totals.  | 40111110011101101  | 41211   |
|            | CAPABLE OF<br>SELF-SUPPORT | Females. | 111111101=1101=1   | -011-   |
|            | CAP/<br>SELF-              | Males.   | 401111111001111141   | 101=111   |
|            | e.                         | Totals.  | 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | ω4ω111 <del>⊔</del>   |
|            | RECOVERED                  | Females. | @  =  =    =   | დ <b>⊣</b> 011111   |
|            | REC                        | Males.   | 71111211111111   | 1001111   |
|            | ED.                        | Totals.  | 228<br>116<br>116<br>116<br>117<br>117<br>118  | 255<br>11<br>11<br>56<br>3  |
|            | COMMITTED                  | Females. | 2011112021212122   | 26<br>11<br>11<br>11<br>11  |
|            | So Co                      | Males.   | 26<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20   | 21.63   |
|            |                            |          |  |   |
|            |                            |          |  | · · · · · · ·   |
|            |                            | SE,      | pital  | 1   |
|            |                            | DISEASE  | r hos  | ifty:   |
|            |                            |          | o any:   | insan   |
|            |                            | o<br>s   | ted tanity  ringta ringta rillis, ecox, nity goil ysis, unick annit, elance  | sive  |
|            |                            | FORMS OF | Lirst admitted to any Alcoholie insanity:— Chronie, Chronie, Alcoholism, chronie, Amentia, Chorea, Huntington's, Cerebral syphilis, Dementia præcox, Egipletie insanity, Exophthamic goiter, Exophthamic goiter, Exophthamic sparlysis, Hultucinosis, unclassifie Hillucinosis, unclassifie Hillucinosis, unclassifie Hillicoy, Inflecyt, Inflec | Manic-depressive ins. Manical, Depressed, Mixed, Nived, Organic dementis, Paranoia, Paranoid condition, |
|            |                            | Ĉ.       | LFirst adm<br>Alcoholic in<br>Acute,<br>Chronic,<br>Alcoholism<br>Alcoholism<br>Amentia, I<br>Chrorea, Hr<br>Chrorea, Hr<br>Dementia, I<br>Benjeptic in<br>Exophthal<br>Exophthal<br>Hallucinosis<br>Hysterical<br>Infocolic,<br>Infocolic,<br>Infocolic,<br>Infocolic,<br>Infocolic,  | Manic-depre<br>Maniacal,<br>Depressed<br>Mixed,<br>Neurastheni<br>Organic dem<br>Paranoia,              |
|            |                            |          | Alcoholic insanity:— Alcoholic insanity:— Chronic, Alcoholism, chronic, Alcoholism, chronic, Chorea, Huntington's, Cefebral syphilis, Delirium, Delirium, Epileptic insanity, Exophthalmic gotier, Exophthalmic gotier, Exophthalmic system, Hallucinosis, uncalassified, Hysterical insanity, Infoedity, Infoedity, Involution melancholia,   | Man<br>Mi<br>De<br>Orga<br>Para<br>Para   |
|            |                            |          | - Y  |   |

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|  | ity,   |
| Presentle insanity, Psychopathic personality, Polyneuritie delirium, Senile dementia, Toxtei insanity:— Chronic, Not insane, Unclassified, Totals, Alcoholic insanity:— Chronic, Chronic, Chronic, Chementia, Delirium, Dementia precox, Delirium, Dementia paralysis, Involution melanoholia, Involution melanoholia, Manic-depressive insanity: Depressed, Mixed,  | Neurasthenia, Dranic dementia, Saranoid condition, Tresenile insanity, Sychopathic personality |
| Presentle insanity, Psychopathic personal Psychopathic personal Polynourité delirium, Senile dementia, Toxic insanity: Chronic, Not insane, Unclassified, Totals,  — Other admissions: Alcoholic insanity: Anentia, Dementia, præcox, Epileptic insanity, General paralysis, Involution melancholi   | Neurasthenia, Organic dementia, Paranoid condition, Presenile insanity, Psychopathic person    |
| Presenie insanity Psychopathic pers Psychopathic delin Psychopathic delin Psychopathic delin Psychopathic delin Psychopathic delin Acute, Chronic, Onther admission Acute, Chronic, Chr | enia,<br>leme<br>conc<br>insa;<br>thic   |
| Presenie ins Psychopathi Psychopathi Psychopathi Psychopathi Polyneuritic Proteinsani Acute, Chronic, Chronic, Totals, Unclassified Acute, Chronic, Alcoholic ins Acute, Chronic, Alcoholic ins Acute, Chronic, Chronic, Chronic, Alcoholic ins Acute, Chronic, Involvation Manic-depre Manic-depre Manic-depre Manic-depre Manic-depresed   | Neurasthenia<br>Organic deme<br>Paranoid con<br>Presenile insa<br>Psychopathic                 |
| SHEE SEED T THEFT SEED SHEET   |  |
| Miles of the control  | yeur<br>Parar<br>Prese<br>Sych   |

10.—Form of Mental Diseases in Patients admitted from the Community, discharged, with their Condition on Discharge, or died—Concluded.

| Į.          | g; g;                     | Totals.            | ده ۱ س  | 101     | 444              | 443                |
|-------------|---------------------------|--------------------|---|---------|------------------|--------------------|
| TAL         | DISCHARGES<br>AND DEATHS. | Females.           | ₩ 1 <del>4</del>  | 55 1    | 192 4            | 192 4              |
| To          | OISCH<br>ND D             | Males.             | 11=   | 46      | 252 1            |                    |
| -           | _ A                       |                    | m 1 m   |         |                  | 7 251              |
|             |                           | Totals.            | 69 1 69   | 36      | 207              | 207                |
| Died.       |                           | Females.           | ∞ 1 ↔   | 17      | 91               | 91                 |
|             |                           | Males.             | 11-   | 19      | 116              | 116                |
|             | NOT<br>INSANE.            | Totala.            | 111   | 1       | က                | က                  |
|             |                           | Females.           | 1 1 1   | 1       | -                | -                  |
|             |                           | Males.             | 111   |         | - 22             | 22                 |
|             | NOT IMPROVED.             | Totals.            | 111   | 14      | 20               | 20                 |
|             |                           | Females.           | 1 1 1   | 9       | 20               | 20                 |
|             |                           | Males.             |   | 00      | 30               | 30                 |
| DISCHARGED. | IMPROVED.                 | Totala.            | - 111   | 8 18    | 5 70             | 5 69               |
|             |                           | Males.<br>Females. | 1 1 1   | 101     | 45 25            | 44 25              |
| Disc        | -                         | Totals.            | 11-   | 12      | 55               | 55 4               |
|             | CAPABLE OF SELF-SUPPORT   |                    | 1:4   | 13      | 59               | 53                 |
|             |                           | Females.           |   | 2       |                  |                    |
|             |                           | Males.             | 111   | 64      | 26               | 26                 |
|             | RECOVERED.                | Totals.            | 1160  | 18      | 59               | 59                 |
|             |                           | Females.           | 1160  | =       | 26               | 26                 |
|             |                           | Males.             | 1 1 1   | 7       | 33               | 33                 |
|             | e.                        | Totals.            | 1   | 92      | 519              | 516                |
|             | COMMITTED                 | Females.           | 114   | 47      | 241              | 239                |
|             | Сом                       | Males.             | 1-4   | 5       | 278              | 277                |
| -           |                           | 1                  |   | ٠.      | •                | •                  |
|             |                           |                    |   |         |                  |                    |
|             |                           | ASE.               | ition   |         |                  |                    |
|             |                           | ISE.               | Con.  |         |                  |                    |
|             |                           | )F I               | ns: —<br>tonic  |         |                  |                    |
|             |                           | MS (               | issior<br>intia,<br>cata  |         |                  | ns,                |
|             |                           | FORMS OF D         | adm<br>deme<br>sified<br>sified   | Totals, | cases,           | perso              |
|             |                           |                    | B.—Other admissions:—C<br>Senile dementia,<br>Unclassified catatonic<br>Unclassified, | To      | Aggregate cases, | Aggregate persons, |
|             |                           |                    | S. C.   |         | Aggre            | Aggre              |

11. - Discharges of the Insane, classified by Admission and Result, and Deaths.

|                                 | RE     | RECOVERED. | ED.     | CAI    | CAPABLE OF<br>SELF-SUPPORT. | DF<br>RT. | IMP    | IMPROVED. |         | Nor 12 | Not improved | ED.     | Nor    | Not Insane. | E.      | D      | Died.          |         | Aggi   | AGGREGATES. | , s     |
|---------------------------------|--------|------------|---------|--------|-----------------------------|-----------|--------|-----------|---------|--------|--------------|---------|--------|-------------|---------|--------|----------------|---------|--------|-------------|---------|
| NUMBER OF ADMISSIONS.           | Males. | Females.   | Totals. | Males. | Females.                    | Totals.   | Males. | Females.  | .elstoT | Males. | Females.     | Totals. | Males. | Females.    | Totals. | Malea. | Females.       | Totals. | Males. | Females.    | Totals. |
| First to this hospital, .       | 28     | 20         | 48      | 24     | 18                          | 42        | 41     | 19        | 09      | 25     | 20           | 45      | -      | -           | 2       | 105    | 81 1           | 186     | 224    | [59         | 383     |
| Second to this hospital,        | 4      | က          | 7       | 63     | ∞                           | 10        | က      | 4         | 7       | က      | ı            | ಣ       | -      | 1           | -       | 10     | 7              | 17      | 23     | 22          | 45      |
| Third to this hospital, .       | 1      | 2          | က       | ı      | က                           | က         |        | 1         | -       |        | 1            | -       | ı      | ı           | 1       | П      |                | 2       | 4      | 9           | 10      |
| Fourth to this hospital,        | ı      | Н          | -       | 1      | I                           | ı         | I      | 61        | 2       | ı      | 1            | ı       | 1      | 1           | 1       | I      | -              | -       | I      | 4           | 4       |
| Fifth to this hospital, .       | ı      | 1          | 1       | ı      | 1                           | 1         | I      | ı         | ı       | -      | 1            | -       | 1      | 1           |         | 1      | 1              | 1 •     | -      | ı           | Н       |
| Sixth to this hospital, .       | 1      | 1          | I       | I      | 1                           | 1         | ı      | 1         | ı       | 1      | 1            | ı       | 1      | T           | ı       | 1      | ı              | ı       | 1      | ı           | 1       |
| Seventh to this hospital,       | ı      | ı          | ı       | I      | 1                           | ı         | 1      | 1         | 1       | I      | ı            | ı       | -1     | I           | ı       | I      | 1              | ı       | I      | 1           | 1       |
| Eighth to this hospital,        | 1      | 1          | I       | ı      | ı                           | 1         | 1      | 1         | ı       | ı      | 1            | 1       | ı      | 1           | 1       | 1      | -              | -       |        | -           | -       |
| Total cases,                    | 33     | 26         | 59      | 26     | 53                          | 55        | 45     | 25        | 20      | 30     | 20           | 20      | 01     |             | 3 1     | 116    | 91   2         | 207     | 252    | 192         | 444     |
| Total persons, .                | 33     | 56         | 59      | 56     | - 62                        | 55        | 44     | 25        | 69      | 30     | 50           | 20      | 63     | -           | 3       | 116    | $\frac{91}{2}$ | 207     | 251    | 192         | 443     |
| First admitted to any hospital. | 26     | 15         | 41      | 24     | 16                          | 40        | 35     | 17        | 252     | 55     | 10           | 41      | 63     | 6.1         | 4       | 26     | 75             | 172     | 208    | 144         | 352     |
|                                 |        |            |         |        |                             |           |        |           |         |        |              |         |        |             |         |        |                |         |        |             |         |

12. — Causes of Death and Form of Mental Disease in Persons who died.

| ı | ľ¥.                               | Totals.  | 11111-   | 1.1.1.1.1  | 111111   | 111-11-  |
|---|-----------------------------------|----------|--|--|--|--|
| ١ | IMBECILITY.                       | Females. | 111111   | 1 1 1 1 1  | 111111   | 111-111  |
| ı | Імві                              | Males.   |  | 11111  | 111111   | 11111  |
| ı | AL SIS.                           | Totala.  | 1-1112-  | 110812   | )             <del> </del>   | 9   -   -   -   -  |
| ı | GENERAL<br>PARALYSIS              | Females. | 111111   | 11001-   | 111111   | 111111   |
| ı | GE                                | Males.   | 1 - 1 - 2 - 1 - 1 - 1  | 1 22 1 1   | 111111   | 91-121-  |
| ı | rc,                               | Totals.  | 111111   | 11116  | 16111111   | 6111111  |
| ı | EPILEPTIC,<br>JNSANITY.           | Females. | 1111111  | 1 1 1 1 1  | 1-1111   |  |
| ١ | EPI                               | Males.   | 111111   | 1111=  | 1-1111   |  |
| ١ | м,                                | Totals.  | 111111   | -1111  |  | -111-11  |
|   | DELIRIUM,<br>ACUTE.               | Females. | 111111   | -1111  | 111111   | 111111   |
| ١ | DEI                               | Males.   | 111111:  | 11111  | 111111   | -111-11  |
| ı | X.X                               | Totals.  | 1-111  | 11111  | 1111-  | 4 1 1 1 2 1 0  |
| ı | DEMENTIA<br>PRÆCOX.               | Females  | 1 : 1 1 1 1 1  | 11111  | 11-111   | 8114416  |
| ١ | DE                                | Males.   | 1-111-   | 1111   | 111-11-  |  |
| ١ | IC IC                             | Totals.  | 64   | 241111   | 1144111  | 1111=12  |
| ı | CHRONIC<br>ALCOHOLIC<br>INSANITY. | Females. | 111111   | 241111   | 111-111  | 111111   |
| ı | Arc                               | Males.   | 67   | TiTT   | 1141111  | 1111=10  |
| ł | I.IC<br>FY.                       | Totals.  | 111111   | 1111   | 111111   | 1111-11  |
| ı | ACUTE<br>ALCOHOLIC<br>INSANITY.   | Females. | 111111   | 11111  | 111111   | 111111   |
| ١ | ALC                               | Males.   | 111111   | 11111  | 1111111  | 1111-11  |
| ı | A'G-                              | Totals.  | 111111   | 11111  | 1111111  |  |
| 1 | HUNTING-<br>TON'S<br>CHOREA.      | Females. | 111111   | 11111  | 111111   | 111111   |
| ١ | Ħ.O                               | Males.   | 111111   | 11111  | 111111   |  |
| 1 | - m                               | Totals.  | 22-2-25  | 94082  | 1008144  | 36   |
| ı | Aggre-<br>gates.                  | Females. | 11-0-01  | 4000101  | 18186181   | 15 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -   |
| ı | Α                                 | Males.   | 616111416  | 998999   | -120-104   | 21 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1   |
| ı |                                   |          |  |  |  |  |
| ı |                                   |          |  |  |  | i · · · · · · · ·  |
| ı |                                   |          |  |  | t,   | iystei   |
| ı |                                   |          | 888  | s Sy   | S · · · · · · ·  | 3  |
| ı |                                   | SES.     | ) iseases  | roon   | ulatc  |  |
|   |                                   | AU       | General D  | f Ne   | Circ<br>hea<br>is,<br>is,<br>is,   | Resignation, thousand  |
|   |                                   | 0        | Gene<br>m,   | rrhading,<br>sis,<br>sis,<br>disea   | s of<br>in of<br>irdit<br>reute<br>ulos<br>dise  | s of mon non ng, nia, pira   |
|   |                                   |          |  | Diseases of Nervous System hemorrhage, softening, sarahysis, razalysis, infanta disease, illepticus,   | Diseases of Circullatation of hear<br>celerosis, rayocarditis,<br>raditis, acute,<br>tuberculosis,<br>ditis,   | Diseases of Respiratory System proumonia, tectasis, tectasis, co of lung, no of lung, normonia, annua aspiration, any tuberculosis,                                  |
|   |                                   |          | lism<br>beria<br>sne c<br>sne c<br>ema<br>emis<br>id fe  | al har al scal har al scal har al contract contr | Dudilar dilar sector marchitum arditum arditum arditum ar hour rediti  | Die phiect hitis enc phiect phiect hitis enc phiece phiece hitis hitis nary  |
|   |                                   |          | Alcoholism, Diphtheria, Gangrene of arm, Gangrene of leg, Myxedema, Septicemia, Typhoid fever, | Diseases of A<br>Cerebral hemorrhage,<br>Cerebral softening,<br>General paralysis,<br>Organic brain disease,<br>Status epilepticus,  | Diseases of Circu Acute dilatation of hear Arteriosolerosis. Chronic myocarditis, Endocarditis, acute, General unberulosis, Myocarditis. Valvular heart disease, | Diseases of Resp. Bronch pneumonia, Bronchiectasis, Bronchitis, purulent, Gangene of lung, Char pneumonia, aspiration, Pneumonia, aspiration, Pulmonary tuberculosis |
| I |                                   |          | TYSE SEL   | ಭೆರಿದ್ದರ್ಭೆ<br>ಜನರಿದ್ದರ್ಭೆ   | A K C E C F C  | MMM NATE   |
|   |                                   |          |  |  |  |  |

| 11-11-11  | 1  | 1.1.1                                   | 4       |
|---|--|---|---------|
| 1 1 1 1 1 1 1   | - 1  | 1 1 1                                   | -       |
| 11-11-1   | ı  | 1 1 1                                   | ಣ       |
| 11-111  | 1  | 1.1.1                                   | \$      |
| 111111  | 1  | 1.1.1                                   | 6       |
| 11-111  | ı  | 111                                     | 39      |
| 111111  | 1  | 1.1.1                                   | 9       |
| 111111  | - 1  | 1.1.1                                   | က       |
| 111111  | - 1  | 1.1.1                                   | 60      |
| 111111  | I  | 1 1                                     | 4       |
| 111111  | 1  | 1.1.1                                   | -       |
| 111111  | - 1  | 1-1                                     | ಌ       |
| - 101-1   | 1  | 6111                                    | 32      |
|   | - 1  |   | 20      |
| 11-11-1   | 1  |   | 12      |
| 111111  | -  | 1.1.1                                   | 10      |
| 111111  | -  | 111                                     | 4       |
| 111111  | - 1  | 1.1.1                                   | 9       |
| 111111  | 1  | 1.1.1                                   | -       |
| 111111  | - 1  | 1.1.1                                   | 1       |
| 111111  | 1  | 1.1.1                                   | -       |
| 111111  | 1  | 1.1.1                                   | -       |
| 111111  | ı  | 1 1 1                                   | 1       |
| 111111  | ı  | 1.1.1                                   | -       |
| 8104111   | 4  | 481                                     | 202     |
|   | 4  | 67401                                   | 91      |
| 119771  | ı  | C1 69 FJ                                | 116     |
|   |  |   | •       |
|   | em.  |   |         |
| stem.   | Syste                                      |   |         |
| e Sy  | nary                                       | uses.                                   |         |
| gestir  | -uri                                       | t Car                                   |         |
| g Di<br>sm,<br>osis,  | enite                                      | Ill-defined or                          |         |
| ses o<br>oplas<br>',<br>',<br>seute<br>is,<br>nitis   | of G                                       | 111-de<br>.us,                          |         |
| Disea al ne tritis, tis, teclit erito   | ephr                                       | n,<br>fasm                              |         |
| mins gast notery occoli   | Dise<br>nic n                              | tion,<br>astio                          | Totals, |
| Discuses of Digesti. Abdominal neoplasm, Acute gastritis, Dysentery, Enterocolitis, acute, Follicular colitis, General perionitis, Intestinal tuberculosis, | Diseases of Genito-u<br>Chronic nephritis, | Inanition, Exhaustion, Senile marasmus, | T       |
| , ,   | _  |   |         |

12. — Causes of Death and Form of Mental Disease in Persons who died — Concluded.

| I | ė l                               | Totals.  |  | 1111-1-  |
|---|-----------------------------------|----------|--|--|
| ı | UNCLASSI-<br>FIED.                | Females. | 11-11-1 11111 11111-   | 1111=1=  |
| H | UNC                               | Males.   | 111110 01111 101111  | 111111   |
| ı | B Ä                               | Totals.  | 111111 11111 11111   | 111111   |
|   | PARANOID<br>CONDITION.            | Females. | 1111111 11111 1111   | 111111   |
|   | PAF                               | Males.   | 1  | 111111   |
|   |                                   | Totals.  | 111111 11111   | 111111   |
| ı | NEURAS-<br>THENIA.                | Females. | 1111111 1111 11111   | 111111   |
| ١ | NE                                | Malea.   | 1111114 11111 11111  | 111111   |
| I |                                   | Totala.  | 1 ( 2   1   1   1   1   1   1   1   1   1  | 11111  |
| ı | Ibiocy.                           | Females. | 111111 1111  | 111111   |
| ١ | σI .                              | Males.   | 111111 1111 11111  | 11111  |
|   | . · ·                             | Totala.  | :::::::::::::::::::::::::::::::::::::::  | 91110111   |
| I | SENILE<br>DEMENTIA                | Females. | 11100:1 1:111 10:1101  | 41110111   |
| Į | SE                                | Males.   | TITLE ELLI HELLI   | 0111111  |
| İ | 7 <del>1</del> 4                  | Totals.  | 1111111  | 1 1 1 1 1 1 -  |
| ļ | INVOLU-<br>TION MEL-<br>ANCHOLIA. | Females. | \$11111  | 11111  |
| ı | IN<br>TIOT<br>ANC                 | Males.   | 1111111 11111  | 111111   |
| ١ | rc<br>IA.                         | Totals.  |  | 110  |
|   | ORGANIC<br>DEMENTIA               | Females. | 111-111111 11-01111  | P111111  |
|   | OF                                | Males.   | 111111 101100-1 100-1101-  | 6411411  |
| ١ |                                   | Totals.  |  | 111111   |
| ١ | Acute<br>Toxic.                   | Females. | 111111 1111 11-111   | 111111   |
|   | AT                                | Males.   |  |  |
| ١ | ) B-                              | Totals.  |  |  |
| 1 | MANIC DE-<br>PRESSIVE.            | Females. |  | -111111  |
| ١ | MA                                | Males.   | 111111111111111111111111111111111111111  | 111111   |
| ١ |                                   |          |  |  |
| ١ |                                   |          |  |  |
| ١ |                                   |          | iscuses.   | ratory System  |
|   |                                   |          |  | 5 · · · · · · · · · · · · · · · · · · ·  |
|   |                                   | ES.      | General Diseases.  in,  ia,  of arm,  of leg,  iii,  fever,  Diseases of Nerous System henorthage, softening,  varallysis,   irato  |
|   |                                   | CAUSES.  | Alcoholism,  Diphtheria,  Diphtheria,  Gangrene of arm,  Gangrene of leg,  Myxedema,  Typhoid fever,  Typhoid fever,  Typhoid fever,  Typhoid fever,  Cerebral hemorrhage,  Cerebral softening,  General softening,  General softening,  General paralysis,  Organic brain disease,  Status epilepticus,  Diseases of Circu  Acute dilatation of heart  Actrocoscierosis,  Chronic mycoentitis,  Chronic mycoentitis,  General tubereulosis,  Mycoentitis, acute,  General tubereulosis,  Walvular heart disease,  | Diseases of Hespi, Proncho pneumonia, Pronchiectersis, Pronchitis, purulent, Sangrene of lung, Cobar pneumonia, Preumonia, Preumonia, Preumonia,   |
|   |                                   | Ö        | ener no  | of I<br>noni<br>ulen<br>ng,<br>uia,  |
|   |                                   |          | G G i armilegi, ver, ver, ver, ver, ver, ver, ver, ver   | eases<br>neun<br>sis,<br>purr<br>f lur<br>mon<br>, asp   |
|   |                                   |          | ism, sria, se of ne of ma, ma, mis, d fe, of p p ar p a | Dise price p |
|   |                                   |          | Alcoholism, Diphtheria, Diphtheria, Gangrene of arm, Gangrene of est Myxedema, Septicemia, Typhoid fever, Typhoid fever, Typhoid fever, Cerebral hemorrhage, Cerebral benorrhage, Cerebral softening, General paralysis, Organic brain disease, Status epilepticus, Diseases of Civ Acute dilatation of hea Arterioselerosis, Chronic myocarditis, Chroni | Diseases of Resp<br>Broncho pneumonia,<br>Bronchiectasis, .<br>Bronchitis, purulent,<br>Gangrene of lung, .<br>Lobar pneumonia, .<br>Pneumonia, aspiration,<br>Pulmonary tuberculosis.   |
|   |                                   |          | Aloc<br>Gan<br>Myan<br>Myan<br>Myan<br>Myan<br>Typ<br>Typ<br>Cen<br>Cen<br>Cen<br>Cen<br>Cen<br>Cen<br>Cen<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu<br>Chu   | Bro<br>Gar<br>Car<br>Pro<br>Pule   |
|   |                                   |          |  |  |

|   | 1                                 | 1                       | 10   |
|---|-----------------------------------|-------------------------|------|
| 111111  | 1                                 | 1 1 1                   | 30   |
| 111111  | 1                                 | 1                       | 5    |
| 111111  | 1                                 | 1.1.1                   | 1    |
| 1111111   | 1                                 | 111                     | 1    |
| 1 1 1 1 1 1 1   | 1                                 | 1.1.1                   | 1    |
| 111111  | 1                                 | 1.1.1                   | -    |
| 111111  | - 1                               | 1 1 1                   | 1    |
| 11,11111  | 1                                 | 1.1.1                   | 1    |
| 111111  | - 1                               | 111                     | 1    |
| 111111  | 1                                 | 1 1 1                   | 1    |
| 111111  | 1                                 | 1.1.1                   | 1    |
| -1-1111   | 23                                | 1 00 1                  | 21   |
| -1-1111   | 63                                | 1001                    | 17   |
| 111111  | 1                                 | 1.1.1                   | 4    |
| 111111  | 1 .                               | - 1 1                   | YC.  |
| 1 1 1 1 1 1 1   | -1                                | 1.1.1                   | က    |
| 111111  | ı                                 | -11                     | 63   |
|   | -                                 | 1-1                     | 84   |
| 111   |                                   | 1 1                     | 20   |
| 11-1-11   | 1                                 | 1.1.1                   | 83   |
| 111111  | 1                                 | 1.1.1                   | -    |
| 111111  | 1                                 | 1.1.1                   | -    |
| 111111  | 1                                 | 1.1.1                   | 1    |
| 1100111   | 1                                 | 167 1                   | 13   |
| 111-111   | 1                                 | 1                       | 9    |
| 1184111   | 1                                 | 1                       | 7    |
|   |                                   |                         | •    |
|   |                                   |                         |      |
|   | System.                           |                         |      |
| Diseases of Digestive System.  al neoplasm, stritis, litis, acute, r collis, r collis, l thebrionits, | ary &                             |                         |      |
| stive   | urin                              | Ill-defined Causes.     |      |
| Dige<br>n,  | nito-                             | ined                    |      |
| s of plasm ute, itis,   | Diseases of Genito c nephritis, . | l-def.                  |      |
| Diseases nal neoplistritis, ry, clitis, acu r colitis, peritonit di tubercu                           | ses o                             | II<br>:                 |      |
| Die nal astri   | iseas<br>ner                      | on,<br>tion,<br>nara    | als, |
| domi<br>tte g<br>sente<br>seroc<br>iculc<br>liculc<br>neral   | Ponic                             | nitio<br>nausi<br>ile n | Tot, |
| Aber Dya Cher Fol The   | Chi                               | Ina<br>Exl<br>Sen       |      |

13. - Duration of Mental Disease and Treatment in Patients recovered and died.

| Males. Totals. Males. Totals. Totals. Totals. Totals. |
|---|
|   |
| 6 21 1<br>1 2 10<br>2 4 1                             |
| 21 3 5 1 6  |
| A. — Recovered: —<br>Under 1 month,                   |

| 1180460600  | 36                 | 37      | 59.83                |
|---|--------------------|---------|----------------------|
| 11-1-1-244-1-   | 17                 | 18      | 54.47 65.20          |
| 110000000   | 19                 | 19      | 54.47                |
| 1   1   1   40   40   60  | 36                 | 37      | 134.70               |
| 111114049   | 17                 | 18      | 100.18 169.23 134.70 |
| <u></u>   | 19                 | 19      |                      |
| 10<br>10<br>15<br>42<br>45<br>21<br>11<br>11  | 163                | 170     | 33.5256.1444.83      |
| 1 4 8 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   | 69                 | 73      | 56.14                |
| 41 10 10 8 8 32 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                     | 92                 | 26      | 33.52                |
| - 17<br>28<br>29<br>29<br>24<br>10<br>4 4 1   | 170                | 170     | 50.71                |
| - 7 - 16 - 16 - 17 - 17 - 17 - 17 - 17 -  | 73                 | 73      | .43 29.28 50.71      |
| 10<br>10<br>11<br>13<br>13<br>13<br>13<br>13  | 97                 | 26      | 21.43                |
| 20<br>21<br>15<br>36<br>30<br>24<br>16<br>4   | 161                | 170     | 18.6039.5029.0521    |
| 1<br>6<br>8<br>8<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>4<br>1                             | 69                 | 73      | 39.50                |
| 188<br>188<br>167<br>177  | 92                 | 26      | 18.60                |
| · · · · · · · · · · · · · · · · · · ·   |                    | ٠       | ji .                 |
| onth, 3 months, 6 months, 12 months, 2 years, 5 years, 10 years, 20 years, 20 years, ars, |                    |         | cases .              |
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# THIRTY-FOURTH ANNUAL REPORT

OF

#### THE TRUSTEES

OF THE

# DANVERS STATE HOSPITAL,

AT

DANVERS, MASS. (POST-OFFICE, HATHORNE),

FOR THE

YEAR ENDING NOVEMBER 30, 1911.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS, 18 Post Office Square. 1912.



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1912.

mass. Officials

APPROVED BY
THE STATE BOARD OF PUBLICATION.

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## **OFFICERS**

OF THE

## DANVERS STATE HOSPITAL.

Nov. 30, 1911.

|                             | T      | RUS'   | TEES.     |            |     |                            |
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| Mr. Edward S. Groves, .     |        |        |           | Steward.   |     |                            |
|                             |        |        |           |            |     |                            |
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| Mr. Scott Whitcher, .       |        |        | . 7       | reasur.    | er  | and Clerk.                 |
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| HE                    | ADS | OF | DEF | PARTMENTS.   |
|-----------------------|-----|----|-----|--|
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| Miss Eunice A. Fisk,  | •   |    |     | . Supervisor Female Department and Principal of Training School. |
| Mr. Charles Lindgren, |     |    |     | . Engineer.  |



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| Dr. Hasket Derby, .       |     |     |   |   | 182 Marlborough Street, Boston. |
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|                           |     |     |   |   |                                 |

#### DENTIST.

Dr. J. Herman Haines, . . . . 291 Essex Street, East Lynn.



## The Commonwealth of Massachusetts.

#### TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Danvers State Hospital herewith respectfully present their thirty-fourth annual report, with the reports of the superintendent and treasurer and the legally required statistics.

The details of hospital management for the year will be considered in the reports of superintendent and treasurer.

There has been an average of 1,452 patients during the year, an increase of 39 over the year 1910. The present buildings cannot care for an increase of patients without unjustifiable overcrowding, and from the fact that the average number of patients which the State Board of Insanity have requested us to care for is lower than the population of to-day we are led to believe that this Board will transfer some of our inmates.

The maintenance appropriation for 1911 was requested not only for the routine work of the year, but to provide for the performance of necessary accumulated repairs, many of which should have been attended to in previous years. In asking for the money to do these extraordinary repairs we were advised by the Auditor's office and the State Board of Insanity to include our estimate under the maintenance fund rather than to request a special appropriation. The increased rate of per capita cost shown this year should have been equally distributed over years preceding. About one-half of the unusual repairs reported last year have been completed.

A list of the most important items is given in part: —

Painting of all exterior woodwork on main buildings, colony and many outlying buildings.

Reglazing of greenhouse and main buildings.

Placing exposed electric wiring in conduits, in many parts of the plant.

Replacing service hot-water heater.

Replacing defective water and steam piping.

Replastering several buildings in the colony group.

Furnishing metal ceilings for four wards in old building and several rooms.

Renovation of cow and horse barns, vegetable cellar and barn basement.

Repointing walls and tearing down and rebuilding many gables and upper portion of walls around the old buildings. In many places the underlying rafters and plates were destroyed by dry rotting, and where we expected to repoint it was necessary to reconstruct walls and roofs, which was thoroughly done.

Repairing all metal work on roofs of the main buildings, including gutters and rain spouts, over 50 of which were out of commission, being filled with débris far under ground.

Laying cement floors in many parts of service building base-

Relaying asphalt roofs over dining room and boiler house.

Reshingling and repairing many of the outlying buildings.

Repairing doors, windows and woodwork in the interior of main hospital.

On the hospital grounds all trees were pruned, dead ones removed and the gypsy and brown-tail moths and elm beetles were fought under instructions and aid of the State Forester.

Our request for a larger maintenance appropriation this year, if granted, will enable us to complete the renovation work outlined last year and put the existing buildings in hygienic condition and good repair.

Special appropriations for a building for employees, repairs on reservoir and additions to the refrigerating plant are also desired

and details given in the superintendent's report.

Drs. George Parcher and A. Warren Stearns resigned, the former to accept a government position in the Marine Hospital service and the latter to begin practice in Boston. Drs. Burton D. Thorpe and Alan D. Finlayson were appointed to fill the vacancies.

It is with deep regret that the trustees of the Danvers State

Hospital record the resignation of its superintendent, Dr. H. W. Mitchell, which will take effect March 1, 1912.

During the time that we have been privileged to have his services, he has been instrumental in bringing about many changes for better conditions and has greatly improved the efficiency of the medical staff.

By the more liberal policy of another State, Massachusetts will lose a most valuable superintendent, one who combines in a marked degree the sagacity of the business man with the skill of the able physician, — a rare combination; a loss not easily replaced.

The trustees wish to place on record their appreciation of his worth, his spirit of ready co-operation, his willingness to serve the best interests of the State and the unfortunate class entrusted to his care, and to express their sincere regret that circumstances make necessary the severing of a business relation as well as the loss of a personal friend.

The unusual work of the year has been accomplished under the supervision of the trustees, and to their satisfaction, by the efficient efforts of the superintendent and praiseworthy co-operation of other officers and employees of the hospital whom we wish to commend.

ANNIE M. KILHAM.
SAMUEL COLE.
H. H. ATHERTON.
MARY W. NICHOLS.
S. HERBERT WILKINS, Chairman.
SEWARD W. JONES.
ERNEST B. DANE.

#### SUPERINTENDENT'S REPORT.

To the Trustees of the Danvers State Hospital.

The thirty-fourth annual report of the superintendent for the year ending Nov. 30, 1911, is herewith presented, with the annual statistics requested by the State Board of Insanity for the twelve months ending Sept. 30, 1911.

The year began with 1,483 patients. The admission of 665 patients during the year, with 702 dismissals from the hospital, leaves us with a population of 1,446, Sept. 30, 1911, -618 men and 828 women. The daily average number of patients was 1,452+, 1,326+ being the daily average of State patients, and 125+ that of private patients. Of the 665 admissions, 567 were regular commitments, 14 were voluntary admissions, 10 were transfers from other State hospitals, 61 were return visits and 13 were returned escaped patients. Concerning the admissions, 80 per cent. were first commitments to any hospital, and of these 47 per cent. were foreign born, and 65 per cent. were of foreign parentage. Slightly less than 20 per cent. of these patients had psychoses from which nothing more than temporary improvement could be expected, and even in this small number, future recurrences can be predicted in the large majority of cases, should the present attack terminate in recovery. Heredity, alcohol, syphilis and the combined effects of age and arteriosclerosis, in the order named, are the most easily recognized etiological factors among the patients admitted this year.

Of the 209 discharged patients, 33 were considered recovered, 45 capable of self-support, 91 improved, and 40 not improved. There were 207 deaths, 98 transfers to other hospitals, 16 escapes and 171 patients were absent from the hospital Nov. 30, 1911, on the six months' parole allowed by law. In this connection it should be noted that during the past three years the average number absent on parole at the corresponding date has been 46.

The increase of 125 patients released to the carc of their families this year means that there is a corresponding reduction in the overcrowding of the hospital and a consequent improvement in the comfort of those remaining, that the State is spared the expense of maintenance of the persons returned to their families, and that the spirit of the "boarding-out" theory is being followed here to a much greater degree than formerly. At staff meetings the history and present condition of the patient, the home surroundings and the probabilities of the patient using the liberty with good results are discussed and, being determined favorably, an effort is made to instruct the relatives in the individual peculiarities of the case, to prepare them to anticipate difficulties that may occur and to co-operate with the hospital in securing immediate return of the patient if occasion for such action arises. Frequently, where the question of adequacy of family care has been raised, the local town authorities have been consulted, the features of the case explained to them, and their co-operation asked to secure proper supervision of the patient. "After care," to this extent, can be aided by even an overworked medical staff unable to give the matter further personal attention. While our present knowledge of the rôle of heredity in the production of mental disease is based upon such imperfect and inadequate data that no laws can be formulated, there is the popular belief that patients afflicted with psychoses should not rear children, and in deference to this apparently well-founded belief, many patients are confined, who might be able to live in the community if the law permitting asexualization was in practice in this State as elsewhere. Without attempting to discuss the arguments for and against this practice it is certain that much human suffering and expense to the State might have been avoided if only many family lines had terminated with some more or less remote ancestor. Heredity, influence of disease and of habits are the principal recognized causes of insanity, which owing to its peculiarly hopeless character, must be reduced in future generations if at all by prevention rather than by treatment.

Over 54 per cent. of the deaths occurred in cases of paresis, senile and organic dementia. During the last ten months of the year there was only one case of typhoid fever and only a few cases of dysentery which has been so prevalent at this hospital in recent

years. Pasteurization of the milk supply, renovation of several dining and serving rooms, screening of windows on sick wards, trapping and destruction of the house fly, connecting the airing court water-closets with the sewer and rigid isolation of patients suffering from intestinal troubles, are the only apparent causes for the decrease of these diseases.

The frequent occurrence of active pulmonary and intestinal tuberculosis among insane hospital patients is shown by the fact that in 86 cases autopsied during the year an active pulmonary process was found in 16 per cent. of the cases. In nearly one-half of this number there was also an active intestinal process. In addition 15 per cent. of the total autopsied cases showed healed nodules with caseous or calcareous centers and 22 per cent. showed pulmonary scars.

One male patient suffering from chronic mental disturbance committed suicide by hanging. No previous suicidal tendency had been exhibited, and the act could not be foreseen. He had worked about the hospital grounds for a long period and was missed one day. The body was found later hanging to a tree.

One woman patient was admitted to the hospital and died in a few days without having presented any clinical symptoms of diphtheria. On autopsy diphtheritic membrane was found in the larynx. Guinea pigs injected with the organism died in 24 hours, and a pure culture of diphtheria bacilli was obtained from them. Measures adequate to prevent spreading of the disease, beyond the infection of two nurses who attended the patient, were adopted. Thus a possible epidemic was prevented by the recognition of the disease at autopsy and by the combined activity of laboratory and ward physicians. This episode with some facts concerning diphtheria bacilli carriers, remaining on the wards from the epidemic of over a year ago, will be made the subject of a medical contribution by the pathologist at an early date.

With an annual admission rate of nearly 700 new patients, the work of properly preparing case records, and utilizing the information thus obtained in the later handling of the individual patient, together with the medical work in giving ordinary hospital care to the sick and the performance of routine office duties, there is too much work for the 6 ward physicians who comprise the clinical staff. With an increased number, better work could be performed

and with more time from purely routine work, each member of the staff should be expected to produce some original work or observations each year. Such activity is most desirable in developing a worthy medical spirit in the hospital, and should be encouraged if not demanded. Productions of this character might or might not be valuable to the medical profession, but they would surely aid in the development of the physician who made them, and react favorably upon other staff assistants and the hospital work. Continuous overwork in performance of daily routine may be good for the individual in acquiring habits of industry, but it does not make for the best development of either the hospital physician or service. Small compensation and hard work with slight chance of promotion for years can be promised any young physician who enters the State hospital service, and to these emoluments should be added the fullest opportunity for selfdevelopment, if the work is to appeal to a desirable class of young physicians, such as would be successful elsewhere. Naturally the best service to patients and public will be given when the best physicians are engaged.

Through the kindness of Dr. Davenport of the Eugenics Record Office, we have had for some months the gratuitous services of Miss Ruth S. Moxcey, a field-worker trained in history taking, with the expectation that the value of the medical work of the information thus obtained will lead to the permanent engagement of such a worker. The aim is to secure accurate data concerning each member of the patient's family for several generations and to present the facts in a graphic chart. Some conception of the influence of heredity may be formed if this work can be prosecuted for a period of years. The investigation which shall lead to a better knowledge of these matters is peculiarly the work of the insane hospital and the institutions for defectives, and deserves much more attention than has heretofore been given.

The field-worker who is thus engaged will have an excellent opportunity to promote the after care of patients released from the hospital by personal visits that permit of advice being given the family, and by information being brought to the hospital of actual home conditions, all of which tends to promote the best interests of the patients and a better relation between the hospital and the family. The ease which now attends the admission of

patients to the hospital, supplemented by personal advice of the physician and friendly visits to the homes by an interested and tactful person, can produce but one result, a greater confidence in the hospitals as a refuge for patients.

The regular services of a dentist have been employed for the first time this year. All necessary extractions, treatments and amalgam fillings will be made at no personal expense to patients unable to pay for the work.

In the laboratory the usual routine examinations and autopsies have been performed. There were 86 autopsies or 41.5 per cent. of the deaths. Much routine bacteriological work has been done. Particular attention has been paid to evidences of faulty development as indicated by physical asymmetries. A long series of brains have been preserved for photographing and study by Dr. E. E. Southard, who has begun this work.

In addition to routine work, Dr. Adler, the hospital pathologist, has been conducting investigations into intermediary metabolism of fats, and the causes underlying neurolytic processes. In the course of these investigations information has been obtained in regard to the production of anemias of various types, and of the significance of the atrophic condition of the lymphoid apparatus in the insane. This work is summed up in various publications of which these have appeared:—

Facial Asymmetry in Relation to Dementia Præcox. Dr. H. M. Adler. Proceedings of the New England Society of Psychiatry.

A Note on Oxyphilic Granulation. Dr. H. M. Adler. Proceedings of the Society of Experimental Biology and Medicine. February, 1911.

Experimental Pernicious Anemia. Dr. H. M. Adler. Proceedings of the Society of Experimental Biology and Medicine. October, 1911.

A list of papers read at medical societies or elsewhere by the staff follows:—

Predisposition in Dementia Præcox. Dr. H. M. Swift. New England Society for Psychiatry.

Cyanosis in Dementia Præcox. Dr. W. B. Cornell. New England Society for Psychiatry.

Alcoholic Psychoses. Dr. H. W. Mitchell. East Middlesex Medical Society.

Prognosis in Dementia Præcox. Drs. A. W. Stearns and H. W. Mitchell. New England Society for Psychiatry.

By request a lecture on "Alcohol and the Nervous System" has been given at two State normal schools by Dr. Adler, and another on the "Relation of Alcohol to Mental Disease," has been given by the writer at 4 of the schools during the year.

Changes in the medical staff for the year are as follows: —

Appointments.

Dr. William T. Bailey. Dr. Burton D. Thorpe. Dr. Alan D. Finlayson. Resignations.

Dr. George Parcher. Dr. William T. Bailey. Dr. A. Warren Stearns.

During the summer vacation 4 undergraduates from the Johns Hopkins Medical School served as internes, with opportunities for work in both ward and laboratory service. Their time was given without compensation.

The training-school course was completed by seven nurses this year.

#### Graduates of 1911.

Pearl Simmons. Emily Martin Tyler.

Mae Vincentia Sherry. Amy MacLean Yeo.

Ellen Veronica Pritchard. Elsie Helena Marine.

Theresa Annie Morrison.

Since the last report the hours of service of nurses and attendants have been shortened two hours daily. The list of graduate nurses from this hospital who are successful in other work is large, and it is unfortunate for the service that we cannot retain a sufficient number of mature, capable graduates to fill the positions of head nurse, at least. The welfare of patients, the hospital interests, and the training of the younger nurses are materially influenced by the head nurse, who should be retained in the work when found competent, and given compensation commensurate with the duties and responsibilities of the position. Pupil nurses receive enough at present rates, but the hospitals can keep the desirable graduates only by adopting a more generous policy in the matter of compensation.

All male attendants are given the opportunity to enter the training school, and a few have started this year. For men who will fit themselves by this training and remain in the service, remuneration should be given that will allow them to live with as

much comfort as prison guards, for example. The head attendant on a ward for acute or disturbed patients shares danger with the prison guard, works much harder and longer daily, and has an infinitely greater opportunity for the hourly exercise of higher mental and moral faculties for the successful performance of his duties, and he now receives less than one-half the pay. In no other walk of life can the best service available be secured for the lowest pay, and it is inconceivable that the desired end can be secured in the insane hospitals by present methods of employment. Improvement in this important branch of hospital work can be accomplished, but it will require increased appropriations, time and effort.

In this connection it is well to note that, following improvements in the dietary and lessened hours of service, the annual changes in ward service have been reduced nearly 30 per cent. in 1911 as

compared with the previous year.

#### Business Department.

Attention is called to the steward's report of results obtained under his supervision: —

Dr. H. W. Mitchell, Superintendent Danvers State Hospital.

I respectfully submit the following report on work done in the steward's department during the past year: —

#### Purchase of Supplies.

At the beginning of the fiscal year the purchase of supplies by sending out proposals was inaugurated by the hospital. All requisitions for supplies to be purchased were presented Monday mornings by the heads of departments to the superintendent for approval. Requests for quotations were then sent out. This method has produced very gratifying results. Before this system of sending out bids was inaugurated it was necessary for the steward to spend two days a week in Boston; now one day is sufficient. It was found that nearly everything could be purchased by sample. The market has been brought to the hospital and the steward has not been obliged to personally search the market.

While there has not been, perhaps, any less spent for the purchase of food supplies, the arrangement has resulted in such a saving that larger

quantities have been served the patients.

Although most of the supplies purchased have been bought on bids, the hospital has taken advantage of every bargain that has been presented, the weekly quotations received definitely proving just what was a bargain.

#### Care and Preservation of Stores.

The triplicate order form has been put to a year's test. It has resulted in the careful receipt of all stores; count, weight or measurement being taken before any bill was approved. Freight charges have been entered on our orders and these charges have been deducted from the invoices. Attention has been given to the return of empty receptacles for which the hospital has received credit. This has been in a great part due to the use of this order form.

The unbusinesslike method of issuing storeroom supplies merely by exchanging worn out articles at the store for new articles has been discontinued. No stores have been issued except on signed requisitions. A perpetual stock book is now being kept which shows always the balance on hand. This book also shows the departments to which supplies are issued, affording a means to correct excessive issues.

#### Waste.

Realizing that the prevention of waste was a matter to which a great deal of attention should be given, effort was made to keep informed in regard to waste coming from the tables. Each morning a report from the congregate dining hall, showing the waste for each meal on the previous day, is made. Also the waste from Grove Hall and Middleton colony is reported. This has given the steward an opportunity to discover any lack of care in the preparation of food. It has also resulted in taking from the dietary any preparation it was seen that the patients did not like.

#### Industries.

In addition to the work previously accomplished, an effort has been made to employ patients in the manufacture of articles. A few small rooms over the boiler house were put aside as work rooms. These rooms are entirely inadequate for the purpose. However, the effort has resulted in the hospital being able to drop from its pay rolls one mattress maker at \$3.60 a day and one cobbler at \$30 per month, this work now being done by the patients. Besides this, all the brooms used by the hospital are now made by the patients, white coats are made for the attendants, harness repairing is done, chairs are caned, furniture upholstered and a great deal of furniture repainted and varnished. The work this year in this direction shows how much could be accomplished in adequate shops. At Middleton colony a sewing room was established where all the strong dresses, wrappers and house dresses for the patients are made. Seven hundred gallons of tomatoes and also some 500 quarts of berries, picked by the patients, have been canned and 30 barrels of pickles prepared. It is hoped that more can be done along these lines another year.

#### Suggestions.

The following suggestions are respectfully offered for consideration: — Storerooms. — The hospital is badly in need of storeroom space. The present storeroom is only large enough for a distribution room. Many stores are in rooms in the basement. There is duplication in the handling of stores; supplies received are stored in the basement and have to be brought up again to be issued. The hospital loses a considerable amount of money every year on account of this lack of storeroom space. It would seem wise to erect a warehouse at the foot of the hill beside the railroad track into which cars could be unloaded directly.

Kitchen and Bakery. — The bakery is too small and is poorly arranged. This is also true of the kitchen. To give the hospital a good kitchen and bakery and to do away with the present system of detached and unconnected cold-storage rooms would probably mean that the entire rear center would have to be rearranged. I would suggest a separate diet kitchen and a kitchen for the supervisor's dining room.

Very respectfully,

E. S. Groves, Steward.

The work of repairs during the year was almost wholly of such a character that it could not be done advantageously except by day labor under the supervision of our various foremen, who have consequently had very exacting duties.

When the unusually poor season for farming operations is considered, products for the year are very satisfactory. In addition to the ordinary farm work there has been a great amount of extra labor in hauling material for redressing roads, concrete work and resurfacing all the sewer beds with a sand coating. These beds which have run for about twelve years without any surface additions, were practically out of commission before the renovations were made under direction of the designing engineer.

Renovation of the cow barn has been completed and it is ready for the reception of healthy animals when they can be secured. The tuberculin test made on the herd in July, 1910, showed nearly 90 per cent. of reacting animals, the reaction being checked by Dr. Theobald Smith, of the Harvard Medical School, to whom we are indebted for valuable advice in this matter. The State Cattle Bureau Department condemned many of the most obviously diseased animals, and have been making inspections from time to time since then. As speedily as possible, batch pasteurization of the milk supply was adopted and will be rigidly followed until a

herd free from tuberculosis can be developed. Because we were unable to provide for new animals until now, no purchases have been made, and the herd has fallen off in number as the animals have been killed from time to time. In view of the fact that bovine tuberculosis has been proven by Dr. Smith and others to be communicable to human beings, and that our slaughtered animals were badly diseased, the expense incurred in making changes was imperatively demanded, in the interests of health.

The head farmer retired from our service last March and the hospital is fortunate in securing the services of Mr. J. C. Wing, who formerly held the position for some years.

## Special Appropriations.

The sum of \$40,000 is requested of the Legislature for the erection and equipment of a building for employees to meet the need of comfortable quarters for married couples and attendants. This building will not only fill these requirements but will give us the use for patients of many rooms now necessarily occupied by attendants.

The repairs that must be made on the reservoir used jointly by the town of Danvers and the hospital, but kept in perpetual repair by the latter, have been estimated to cost \$2,600. The wall will cave in at one point, if it is not soon rebuilt, and the whole exposed surface needs repointing. A special appropriation for the amount named is needed.

The present pump and ammonia compressor in the cold-storage plant are inadequate for the work and are also badly worn. Consulting engineers recommend the addition of new units and retention of the present system for use in emergencies and extremely hot weather. The sum of \$4,250 will be required for the installation and changes demanded.

#### Maintenance Appropriation.

The maintenance appropriation requested is large because of the amounts that must be expended to complete the list of repairs that was presented last year. It was then decided that the work contemplated could not possibly be done in one year. Money for one-half the work was obtained from the last Legislature and the balance is needed for use next year.

#### Acknowledgments.

The hospital is indebted to the following donors for fruit, magazines, books and other reading matter: Mrs. Edward L. Anthony, Fall River, magazines; Mrs. George L. Barker, Hathorne, magazines; Miss Annie M. Kilham, Beverly, books and magazines; Mrs. Clara M. Whiting, Danvers, magazines; Church of the Good Shepherd, Wareham, Mass., magazines; Rev. Charles S. Bodwell, Danvers, magazines; Miss Elizabeth Lord, Salem, box of oranges; Mrs. A. D. Smith, magazines.

Much pleasure was afforded by the kindness of individuals and organizations in giving the following list of productions:—

"An Engaging Situation." Farce by the Danvers Unitarian Associa-

"The Japanese Girl." An operetta given under the auspices of the Danyers Women's Association.

"A Dress Rehearsal." A musical entertainment, by Danvers High School students.

"Jamaica." A lecture by Rev. Melville A. Shafer and mandolin orchestra.

"Luther's Country." A lecture with stereopticon by Rev. Edward H. Brenan.

An entertainment by students of St. John's Preparatory College. Danvers Mandolin Club Concert.

I thank the officers and employees for the help given in carrying out the directions of your Board and feel honored by the unanimous support and confidence shown me by the trustees.

#### Respectfully submitted,

H. W. MITCHELL,

Superintendent.

Nov. 30, 1911.

\$1,842,143 32

## VALUATION.

Nov. 30, 1911.

#### REAL ESTATE.

| Land, . Buildings, |       |        |       |        |       |        |       |       |      |     | \$73,600<br>1,542,000 |    |
|--------------------|-------|--------|-------|--------|-------|--------|-------|-------|------|-----|-----------------------|----|
|                    |       |        |       |        |       |        |       |       |      |     |                       |    |
|                    |       | Вет    | TER   | MEN.   | rs a  | ND S   | SUPER | RSTRU | JCTU | RE. |                       |    |
| Water tower        | and   | imp    | rove  | ment   | t of  | fire s | ervic | e,    |      |     | 14,400                | 00 |
| Machinery, s       | haft  | ing, 1 | radia | ators  | , etc | ٠,     |       |       |      |     | 69,851                | 33 |
| Plumbing, et       | c.,   | •      | •     |        |       |        |       |       |      |     | 5,609                 | 49 |
|                    |       |        |       |        |       |        |       |       |      |     |                       |    |
|                    |       |        |       | PE     | RSO   | NAL .  | Esta  | TE.   |      |     |                       |    |
| Provisions ar      | nd gi | roceri | ies,  |        |       |        |       |       |      |     | 7,292                 | 78 |
| Clothing and       | clot  | thing  | mat   | terial | Ι,    |        |       |       |      |     | 11,954                | 19 |
| Furnishings,       |       |        |       |        |       |        |       |       |      |     | 47,230                | 00 |
| Heat, light a      |       |        |       |        |       |        |       |       |      |     |                       |    |
| Fuel,              |       |        |       |        |       |        |       |       |      |     | 1,484                 | 70 |
| All other          | pro   | perty  | у,    |        |       |        |       |       |      |     | 1,352                 | 31 |
| Repairs and        | impr  | oven   | nent  | s,     |       |        |       |       |      |     | 24,734                | 74 |
| Farm, stable       | and   | grou   | nds   | :—     |       |        |       |       |      |     |                       |    |
| Live sto           | ck o  | n the  | farı  | n,     |       |        |       |       |      |     | 14,402                | 30 |
| Produce            | of t  | he fa  | rm c  | n ha   | ınd,  |        |       |       |      |     | 9,515                 | 00 |
| Carriage           |       |        |       |        |       |        |       |       |      |     | 3,474                 | 75 |
| All other          | pro   | perty  | 7,    |        |       |        |       |       |      |     | 8,943                 | 86 |
| Miscellaneou       |       |        |       |        |       |        |       |       |      |     | 6,297                 | 87 |
|                    |       |        |       |        |       |        |       |       |      |     |                       | _  |

## PRODUCTS OF THE FARM AND GARDEN

FOR THE YEAR ENDING Nov. 30, 1911.

|                    | FARM.                               |  |  |            |
|--------------------|-------------------------------------|--|--|------------|
| 310                | tons English hay, at \$21, .        |  |  | \$6,510 00 |
| 25                 | tons meadow hay, at \$6,            |  |  | 150 00     |
| 495                | tons ensilage, at \$4,              |  |  | 1,980 00   |
| 50                 | tons green fodder, alfalfa, at \$6, |  |  | 300 00     |
| 10                 | tons green fodder, barley, at \$6,  |  |  | 60 00      |
| 60                 | tons green fodder, clover, at \$6,  |  |  | 360 00     |
| 78                 | tons green fodder, corn, at \$5,    |  |  | 390 00     |
| 52                 | tons green fodder, millet, at \$5,  |  |  | 260 00     |
| 6                  | tons green fodder, oats, at \$5,    |  |  | 30 00      |
| 10                 | tons green fodder, rowen, at \$15,  |  |  | 150 00     |
| 15                 | tons green fodder, wheat, at \$6,   |  |  | 90 00      |
| 6                  | tons alfalfa, for hay, at \$20, .   |  |  | 120 00     |
| 10                 | tons oats, for hay, at \$15, .      |  |  | 150 00     |
| 500                | cords manure, at \$6,               |  |  | 3,000 00   |
| 500                | barrels hen manure, at \$1, .       |  |  | 500 00     |
| 800                | tons ice, at \$3,                   |  |  | 2,400 00   |
| 360                | barrels apples, at \$2.50,          |  |  | 900 00     |
| 25                 | bushel pears, at \$1,               |  |  | 25 00      |
| 3,619              | pounds beef, steer, at \$0.10, .    |  |  | 361 90     |
| 12,311             | pounds beef, cow, at \$0.06, .      |  |  | 738 66     |
| 58,761             | pounds pork, at \$0.09,             |  |  | 5,288 49   |
| 2,851              | pounds fowl, at \$0.15,             |  |  | 427 65     |
| 2,887              | pounds chicken, at \$0.23,          |  |  | 664 01     |
| 740                | gallons cider, at \$0.10,           |  |  | 74 00      |
| 720                | gallons vinegar, at \$0.10,         |  |  | 72 00      |
|                    | 1 , , ,                             |  |  | 15,272 04  |
| $6,693\frac{1}{2}$ | dozen eggs, at \$0.30,              |  |  | 2,008 05   |
|                    | Sold: —                             |  |  |            |
|                    | Cows and calves,                    |  |  | 372 00     |
|                    | Pigs,                               |  |  | 5 00       |
|                    | Hides,                              |  |  | 205 28     |
|                    | Ice,                                |  |  | 105 15     |
|                    |                                     |  |  |            |

## GARDEN.

| 13  | boxes asparagus, at \$3.50, .   |  |  |  |   |   |   | \$45                            | 50   |
|-----|---|--|--|--|---|---|---|---------------------------------|--|
|     |   |  |  |  |   |   |   | 148                             | 50   |
| 200 | bushels beets, at \$0.60, .   |  |  |  |   |   |   | 720                             | 00   |
| 25  | tons cabbage, at \$25,  |  |  |  |   |   |   | 625                             | 00   |
| 700 | bushels carrots, at \$0.75, .   |  |  |  |   |   |   | 525                             | 00   |
| 200 | boxes cauliflower, at \$1.25,   |  |  |  |   |   |   | 250                             | 00   |
| 575 | bushels corn, green, at \$1, .  |  |  |  |   |   |   | 575                             | 00   |
| 445 | boxes cucumbers, at \$0.75,   |  |  |  |   |   |   | 333                             | 75   |
| 400 | bushels chard, at \$0.40,   |  |  |  |   |   |   | 160                             | 00   |
| 585 | boxes lettuce, at \$0.50,   |  |  |  |   |   |   | 292                             | 50   |
| 75  | bushels onions, at \$1.10, .  |  |  |  |   |   |   | 82                              | 50   |
| 100 | bushels peas, at \$2,   |  |  |  |   |   |   | 200                             | 00   |
| 425 | bushels potatoes, at \$0.90, .  |  |  |  |   |   |   | 382                             | 50   |
| 000 | pounds pumpkins, at \$0.03,   |  |  |  |   |   |   | 60                              | 00   |
| 100 | dozen bunches radishes, at \$0.   | 30,  |  |  |   |   |   | 30                              | 00   |
| 000 | pounds rhubard, at \$0.02, .  |  |  |  |   |   |   | 140                             | 00   |
| 200 | bushels spinach, at \$0.40, .   |  |  |  |   |   |   | 80                              | 00   |
| 40  | tons squash, winter, at \$35,   |  |  |  |   |   |   | 1,400                           | 00   |
| 50  | barrels squash, summer, at \$1,   |  |  |  |   |   |   | 50                              | 00   |
| 235 | bushels tomatoes, ripe, at \$0.7  | 5,   |  |  |   |   |   | 176                             | 25   |
| 80  | bushels tomatoes, green, at \$0.  | 50,  |  |  |   |   |   | 40                              | 00   |
| 600 | barrels turnips, at \$1.10, .   |  |  |  |   |   |   | 660                             | 00   |
| 25  | pounds grapes, at \$0.04, .   |  |  |  |   |   |   | 1                               | 00   |
| 450 | boxes strawberries, at \$0.12,  |  |  |  |   |   |   | . 54                            | 00   |
|     | 165<br>200<br>25<br>700<br>200<br>575<br>445<br>400<br>585<br>75<br>100<br>425<br>000<br>100<br>000<br>235<br>80<br>600<br>25 | 165 bushels beans, string, green, at 200 bushels beets, at \$0.60, 25 tons cabbage, at \$25, 700 bushels carrots, at \$0.75, 200 boxes cauliflower, at \$1.25, 575 bushels corn, green, at \$1, 445 boxes cucumbers, at \$0.75, 400 bushels chard, at \$0.40, 585 boxes lettuce, at \$0.50, 75 bushels onions, at \$1.10, 100 bushels peas, at \$2, 425 bushels potatoes, at \$0.90, 000 pounds pumpkins, at \$0.03, 100 dozen bunches radishes, at \$0.00, 200 bushels spinach, at \$0.40, 40 tons squash, winter, at \$35, 50 barrels squash, summer, at \$1, 235 bushels tomatoes, green, at \$0.78, 80 bushels tomatoes, green, at \$0.78, 80 barrels turnips, at \$1.10, 25 pounds grapes, at \$0.04, | 165 bushels beans, string, green, at \$0.9 200 bushels beets, at \$0.60, 25 tons cabbage, at \$25, 700 bushels carrots, at \$0.75, 200 boxes cauliflower, at \$1.25, 575 bushels corn, green, at \$1, 445 boxes cucumbers, at \$0.75, 400 bushels chard, at \$0.40, 585 boxes lettuce, at \$0.50, 75 bushels onions, at \$1.10, 100 bushels peas, at \$2, 425 bushels potatoes, at \$0.90, 000 pounds pumpkins, at \$0.03, 100 dozen bunches radishes, at \$0.30, 000 pounds rhubard, at \$0.02, 200 bushels spinach, at \$0.40, 40 tons squash, winter, at \$35, 50 barrels squash, summer, at \$1, 235 bushels tomatoes, green, at \$0.75, 80 bushels tomatoes, green, at \$0.50, 600 barrels turnips, at \$1.10, 25 pounds grapes, at \$0.04, | 165 bushels beans, string, green, at \$0.90, 200 bushels beets, at \$0.60, | 165 bushels beans, string, green, at \$0.90, 200 bushels beets, at \$0.60, 25 tons cabbage, at \$25, 700 bushels carrots, at \$0.75, 200 boxes cauliflower, at \$1.25, 575 bushels corn, green, at \$1, 445 boxes cucumbers, at \$0.75, 400 bushels chard, at \$0.40, 585 boxes lettuce, at \$0.50, 75 bushels onions, at \$1.10, 100 bushels peas, at \$2, 425 bushels potatoes, at \$0.90, 000 pounds pumpkins, at \$0.03, 100 dozen bunches radishes, at \$0.30, 000 pounds rhubard, at \$0.40, 40 tons squash, winter, at \$35, 50 barrels squash, summer, at \$1, 235 bushels tomatoes, green, at \$0.50, 600 barrels turnips, at \$1.10, 25 pounds grapes, at \$0.04, | 165 bushels beans, string, green, at \$0.90, 200 bushels beets, at \$0.60, 25 tons cabbage, at \$25, 700 bushels carrots, at \$0.75, 200 boxes cauliflower, at \$1.25, 575 bushels corn, green, at \$1, 445 boxes cucumbers, at \$0.75, 400 bushels chard, at \$0.40, 585 boxes lettuce, at \$0.50, 75 bushels onions, at \$1.10, 100 bushels peas, at \$2, 425 bushels potatoes, at \$0.90, 000 pounds pumpkins, at \$0.03, 100 dozen bunches radishes, at \$0.30, 000 pounds rhubard, at \$0.40, 40 tons squash, winter, at \$35, 50 barrels squash, summer, at \$1, 235 bushels tomatoes, green, at \$0.50, 600 barrels turnips, at \$1.10, 25 pounds grapes, at \$0.04, | 165 bushels beans, string, green, at \$0.90, 200 bushels beets, at \$0.60, 25 tons cabbage, at \$25, 200 bushels carrots, at \$0.75, 200 boxes cauliflower, at \$1.25, 575 bushels corn, green, at \$1, 445 boxes cucumbers, at \$0.75, 400 bushels chard, at \$0.40, 585 boxes lettuce, at \$0.50, 75 bushels onions, at \$1.10, 100 bushels peas, at \$2, 425 bushels potatoes, at \$0.90, 000 pounds pumpkins, at \$0.03, 100 dozen bunches radishes, at \$0.30, 000 pounds rhubard, at \$0.02, 200 bushels spinach, at \$0.40, 40 tons squash, winter, at \$35, 50 barrels squash, summer, at \$1, 235 bushels tomatoes, green, at \$0.50, 600 barrels turnips, at \$1.10, 25 pounds grapes, at \$0.04, | 700 bushels carrots, at \$0.75, | 165 bushels beans, string, green, at \$0.90,       148         200 bushels beets, at \$0.60,       720         25 tons cabbage, at \$25,       625         700 bushels carrots, at \$0.75,       525         200 boxes cauliflower, at \$1.25,       250         575 bushels corn, green, at \$1,       575         445 boxes cucumbers, at \$0.75,       333         400 bushels chard, at \$0.40,       160         585 boxes lettuce, at \$0.50,       292         75 bushels onions, at \$1.10,       82         100 bushels peas, at \$2,       200         425 bushels potatoes, at \$0.90,       382         000 pounds pumpkins, at \$0.03,       60         100 dozen bunches radishes, at \$0.30,       30         000 pounds rhubard, at \$0.02,       140         200 bushels spinach, at \$0.40,       80         40 tons squash, winter, at \$35,       1,400         50 barrels squash, summer, at \$1,       50         235 bushels tomatoes, ripe, at \$0.75,       176         80 bushels tomatoes, green, at \$0.50,       40         600 barrels turnips, at \$1.10,       660 |

\$7,031 50

## TREASURER'S REPORT.

To the Trustees of the Danvers State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1911:—

| <b>V</b>                      |      |             |      |          |    |           |    |
|-------------------------------|------|-------------|------|----------|----|-----------|----|
|                               | CA   | SH ACCOUN   | T.   |          |    |           |    |
| Balance Dec. 1, 1910, .       |      |             |      |          |    | . \$6,523 | 29 |
|                               |      |             |      |          |    |           |    |
|                               |      | Receipts.   |      |          |    |           |    |
| Institution Receipts.         |      |             |      |          |    |           |    |
| Board of inmates: —           |      |             |      |          |    |           |    |
| Private,                      |      | \$36,476    |      |          |    |           |    |
| Reimbursements, insane,       |      | 23,538      |      |          |    |           |    |
| Cities and towns, .           |      | 44          | 11   |          |    |           |    |
|                               |      |             |      | \$60,059 | 68 |           |    |
| Salaries, wages and labor: —  |      |             |      |          |    |           |    |
| Wages not called for, .       |      |             |      | 5        | 30 |           |    |
| Sales: —                      |      |             |      |          |    |           |    |
| Food,                         |      | \$343       | 04   |          |    |           |    |
| Clothing and materials,       |      | 535         | 03   |          |    |           |    |
| Furnishings,                  |      | 83          | 04   |          |    |           |    |
| Heat, light and power,        |      | 93          | 80   |          |    |           |    |
| Repairs and improvements,     |      | 375         | 06   |          |    |           |    |
| Miscellaneous,                |      | 355         | 27   |          |    |           |    |
| Farm, stable and grounds:—    |      |             |      |          |    |           |    |
| Cows and calves, .            |      | 372         | 00   |          |    |           |    |
| Pigs and hogs,                |      | 5           | 00   |          |    |           |    |
| Hides,                        |      | 205         | 28   |          |    |           |    |
| Ice,                          |      | 105         | 15   |          |    |           |    |
| Use of teams,                 |      |             | . 90 |          |    |           |    |
| Sundries,                     |      |             | . 50 |          |    |           |    |
| Dunarios,                     |      |             |      | 2,786    | 07 |           |    |
| Miscellaneous receipts: —     |      |             |      |          |    |           |    |
| Interest on bank balances,    |      | \$309       | 27   |          |    |           |    |
| Rent,                         |      |             | 00   |          |    |           |    |
| Items,                        |      |             |      | 339      | 27 |           |    |
|                               |      |             |      |          |    | 63,190    | 32 |
| Receipts from Treasury of     | Con  | nmonwealth. |      |          |    |           |    |
| Maintenance appropriations: — |      | thorta.     |      |          |    |           |    |
| Balance of 1910,              |      |             |      | \$16,086 | 44 |           |    |
| Advance money (amount or      | n ha | and Novemb  | per  |          |    |           |    |
| 30),                          | 1    | na 110      |      | 25,000   | 00 |           |    |
| Approved schedules of 1911    |      |             |      | 316,829  |    |           |    |
| Approved senedates of 10      | ,    |             |      |          |    | 357,916   | 22 |
| Special appropriations, .     |      |             |      |          |    | 3,433     |    |
| Special appropriations,       |      |             |      |          |    |           |    |
| Total,                        |      |             |      |          |    | \$431,063 | 63 |
| rotar,                        |      |             |      |          |    | Ψ102,00   |    |

|  |         | Payn       | onte    |          |                    |    |           |    |
|--|---------|------------|---------|----------|--------------------|----|-----------|----|
| m +  | :       | _          |         |          |                    |    | ec2 100   | 20 |
| To treasury of Commonwealth,<br>Maintenance appropriations:—   |         | tutio      | 1 recei | .pts,    |                    | •  | \$63,190  | 32 |
| Balance November schedule  |         | 10,        |         |          | \$22,609           | 73 |           |    |
| Eleven months schedules, 1   |         |            |         |          | 316,829            |    |           |    |
| November advances, .   |         |            |         |          | 21,972             |    |           |    |
|  |         |            |         |          |                    | _  | 361,412   | 46 |
| Special appropriations: —  |         |            |         |          |                    |    |           |    |
| Approved schedules, .  |         |            |         |          |                    |    | 3,433     | 80 |
| Balance, Nov. 30, 1911: —  | •       | Ť          | ·       |          |                    |    | -,        |    |
| In bank,   |         |            |         |          | \$2,732            | 62 |           |    |
| In office,   |         |            |         |          | 294                |    |           |    |
|  |         |            |         |          |                    | _  | 3,027     | 05 |
|  |         |            |         |          |                    |    |           | _  |
| Total,   |         |            |         |          |                    |    | \$431,063 | 63 |
|  |         |            |         |          |                    |    |           |    |
|  |         |            |         |          |                    |    |           |    |
|  | M       | AINTE      | NANCI   | E.       |                    |    |           |    |
| Appropriation, \$358,700, deficien   | acy a   | appro      | oriatio | n, \$6.5 | 545.39, .          |    | \$365,245 | 39 |
| Expenses (as analyzed below),  |         |            |         |          |                    |    | 365,242   |    |
|  |         |            |         |          |                    |    |           | _  |
| Balance reverting to treasur   | rv of   | Com        | monw    | ealth.   |                    |    | \$2       | 62 |
| Education 10 to 10 | .,      |            |         | ,        |                    |    | *-        |    |
|  |         |            |         |          |                    |    |           |    |
| A  | mala    | ເຄາເຄີດ ດາ | Expe    | m 000    |                    |    |           |    |
|  | Liteary | , o 10 O   | Пиро    | 11000.   |                    |    |           |    |
| Salaries, wages and labor: — General administration.   |         |            |         |          | #9E 994            | 00 |           |    |
| Medical service,   | •       | •          | •       | •        | \$35,334<br>12,941 |    |           |    |
| *** 1 1 1 1  | •       | •          | •       | •        | 20,160             |    |           |    |
| Ward service (female), .   | •       | •          | •       | •        | 23,050             |    |           |    |
| Repairs and improvements,  | •       | •          | •       | •        | 42,447             |    |           |    |
| Farm, stable and grounds,  | •       |            | •       | :        | 13,911             |    |           |    |
| raim, stable and grounds,  | •       | •          | •       | •        | 10,011             | _  | \$147,844 | 89 |
|  |         |            |         |          |                    |    | Q111,O11  | 00 |
| Food: —  |         |            |         |          |                    |    |           |    |
| Butter,  |         |            |         |          | \$3,432            | 14 |           |    |
| Butterine,   |         |            | •       |          | 6,686              | 31 |           |    |
| Beans,   |         |            |         |          | 1,339              | 82 |           |    |
| Bread and crackers, .  |         |            | •       |          | 625                |    |           |    |
| Cereals, rice, meal, etc.,   |         | •          |         |          | 1,412              |    |           |    |
| Cheese,  |         | •          |         |          | 1,024              |    |           |    |
| Eggs,  |         |            |         |          | 2,089              |    |           |    |
| Flour,   | •       |            |         |          | 11,366             |    |           |    |
| Fish,  | •       | •          | •       | •        | 2,823              |    |           |    |
| Fruit (dried and fresh),   | •       | •          | •       | •        | 3,293              |    |           |    |
|  | •       | •          | •       | •        | 15,958             |    |           |    |
| Milk,  | •       | •          | •       | •        | 3,207              |    |           |    |
| Molasses and syrup, .  |         | •          |         | •        | 888                |    |           |    |
| Sugar,   | •       |            |         | •        | 4,115              |    |           |    |
| Tea, coffee, broma and cocc  | a,      |            | •       | •        | 3,173              |    |           |    |
| Vegetables,  | •       | •          | •       | •        | 6,134              |    |           |    |
| Sundries,  | •       | •          | •       | •        | 3,088              | 59 | #O 050    | 00 |
|  |         |            |         |          |                    | _  | 70,659    | 03 |
|  |         |            |         |          |                    |    |           |    |

. . \$218,503 92

Amount carried forward, . . .

|  |        |         |        |   |                | 0010 500 00  |
|--|--------|---------|--------|---|----------------|--------------|
| Amount brought forward,                      | •      | •       | •      | • |                | \$218,503 92 |
| Clothing and materials: —                    |        |         |        |   |                |              |
| Boots, shoes and rubbers,                    |        |         |        |   | \$2,092 17     |              |
| Clothing,                                    | •      | •       | •      | • | 6,569 40       |              |
| Dry goods for clothing and                   | em a   | ll war  | •<br>• | • | 3,336 85       |              |
|  |        |         |        | • | 36 46          |              |
| Furnishing goods, .                          | •      | •       | •      | • | 85 14          |              |
| Hats and caps,                               | •      | •       | •      | • | 247 59         |              |
| Leather and shoe findings,                   |        | •       | •      | • | 247 59<br>5 88 |              |
| Sundries,                                    | ٠      | •       | •      | • | 9 88           | 12,373 49    |
|  |        |         |        |   |                | 12,010 49    |
| Furnishings: —                               |        |         |        |   |                |              |
| Beds, bedding, table linen,                  | etc.,  |         |        |   | \$7,890 22     |              |
| Brushes, brooms, .                           |        |         |        |   | 869 14         |              |
| Carpets, rugs, etc., .                       |        |         |        |   | 619 18         |              |
| Crockery, glassware, cutler                  | y, et  | c.,     |        |   | 1,757 60       |              |
| Furniture and upholstery,                    |        |         |        |   | 1,930 02       |              |
| Kitchen furnishings, .                       |        |         |        |   | 1,961 54       |              |
| Wooden ware, buckets, pai                    | ls, et | c       |        |   | 123 02         |              |
| Sundries,                                    |        |         |        |   | 3,016 06       |              |
| Sunarios,                                    |        |         |        |   |                | 18,166 78    |
| TT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1       |        |         |        |   |                |              |
| Heat, light and power: —                     |        |         |        |   | eoo 914 c#     |              |
| Coal,  | •      | •       | •      | • | \$22,314 67    |              |
| Freight on coal,                             | •      | •       | •      | • | 3,349 76       |              |
| Gas,   | •      | •       | •      | • | 380 44         |              |
| Oil,   | •      | •       | •      | • | 534 88         |              |
| Sundries,                                    | •      |         | •      | • | 1,124 07       |              |
|  |        |         |        |   |                | 27,703 82    |
| Repairs and improvements: —                  |        |         |        |   |                |              |
| Brick,                                       |        |         |        |   | \$641 24       |              |
| Cement, lime and plaster,                    |        |         |        |   | 5,198 84       |              |
| Doors, sashes, etc., .                       |        |         |        |   | 91 28          |              |
| Electrical work and supplie                  |        |         |        |   | 3,205 64       |              |
| Hardware,                                    |        | •       | •      | • | 6,396 35       |              |
|  |        | •       | •      | • | 7,448 69       |              |
| Lumber,                                      | •      | •       | •      | • | 2,444 00       |              |
| Machinery, etc., Paints, oil, glass, etc., . | •      | •       | •      | • |                |              |
| Paints, oil, glass, etc., .                  | , •    |         | •      | • | 5,167 49       |              |
| Plumbing, steam fitting an                   |        | oplies, | •      | • | 6,856 33       |              |
| Roofing and materials,                       | •      | •       | •      | • | 2,117 23       |              |
| Sundries,                                    | •      |         | •      | • | 2,610 10       |              |
|  |        |         |        |   |                | 42,177 19    |
| Farm, stable and grounds: -                  |        |         |        |   |                |              |
| Blacksmith and supplies,                     |        |         |        |   | \$463 66       |              |
| Carriages, wagons, etc., and                 | d ren  | airs.   |        |   | 473 29         |              |
| Fertilizers, vines, seeds, etc.              |        |         |        |   | 2,371 57       |              |
| Hay, grain, etc.,                            |        | •       | •      | • | 12,680 14      |              |
| Harnesses and repairs,                       |        | •       | •      | • | 651 61         |              |
|  | •      | •       | •      | • | 250 00         |              |
| Horses,                                      | •      | •       | •      | • | 47 04          |              |
| Other live stock,                            | •      |         | •      | • |                |              |
| Tools, farm machines, etc.,                  |        | •       | •      | • | 1,088 25       |              |
| Sundries,                                    | •      |         | •      | • | 2,210 52       | 00.000.00    |
|  |        |         |        |   |                | 20,236 08    |
|  |        |         |        |   |                | 0220 101 00  |
| $Amount\ carried\ forward,$                  | •      | •       | •      | • |                | \$339,161 28 |

|   | Amount brought forward,  |                 |         |    | \$339,161  | 28 |
|---|--|-----------------|---------|----|------------|----|
| , | Miscellaneous: —   |                 |         |    |            |    |
| ľ | 70 1 ' 1' 1 '  |                 | \$611   | 46 |            |    |
|   | ~ .  |                 | 1,139   |    |            |    |
|   | Freight, expressage and transportation,  | •               | 4,536   |    |            |    |
|   | Q  |                 | 215     |    |            |    |
|   | THE CONTRACTOR OF THE CONTRACT |                 | 143     |    |            |    |
|   | Medicines and hospital supplies,   | •               | 3.841   |    |            |    |
|   | Medical attendance, nurses, etc. (extra),  | •               | 205     |    |            |    |
|   | Postage,   | •               | 900     |    |            |    |
|   | TO 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |                 | 892     |    |            |    |
|   | Printing annual report,  | •               | 175     |    |            |    |
|   | Return of runaways,  | •               | 123     |    |            |    |
|   | o 11 1 1   |                 | 3,449   |    |            |    |
|   | Stationery and office supplies,  | •               | 1,175   |    |            |    |
|   | School books and school supplies,  |                 | 166     |    |            |    |
|   | Travel and expenses (officials).   | •               | 441     |    |            |    |
|   | Telephone and telegraph,   | •               | 538     |    |            |    |
|   | Tobacco,   |                 | 887     |    |            |    |
|   | Water,   | •               | 5,296   |    |            |    |
|   | Sundries,  | •               | 1,341   |    |            |    |
|   | Sulfation,   | ·               | 1,011   |    | 26,081.4   | 49 |
|   |  |                 |         |    | 20,001     |    |
|   | Total expenses for maintenance,  |                 |         |    | \$365,242  | 77 |
|   |  |                 |         |    |            |    |
|   | · Special Appropriation  | ons.            |         |    |            |    |
| Ι | Balance Dec. 1, 1910,  |                 |         |    | \$3,433 8  | 30 |
|   | Expended during the year (see statement annexed)   |                 |         |    |            |    |
|   | 1,   | ,               |         |    |            |    |
|   | Resources and Liabil   | THITE           |         |    |            |    |
|   |  | 11120.          |         |    |            |    |
|   | Resources.   |                 |         |    |            |    |
| ( | Cash on hand,  |                 | \$3,027 | 05 |            |    |
|   | November cash vouchers (paid from advance money  | <sup>7</sup> ), | 21,972  | 95 |            |    |
| Ι | Due from treasury of Commonwealth account No-  |                 |         |    |            |    |
|   | vember, 1911, schedule,  |                 | 23,412  | 99 |            |    |
|   |  |                 |         |    | \$48,412 9 | 99 |
|   |  |                 |         |    |            |    |
|   | Liabilities.   |                 |         |    |            |    |
| 2 | Schedule of November bills,  |                 |         |    | \$48,412 9 | 99 |
|   |  |                 |         |    |            |    |
|   |  |                 |         |    |            |    |

### PER CAPITA.

During the year the average number of inmates has been \$1,446.192. Total cost for maintenance, \$365,242.77.

Equal to a weekly per capita cost of \$4.857.

Receipts from sales, \$2,786.07.

Equal to a weekly per capita of \$0.037.

All other institution receipts, \$60,404.25.

Equal to a weekly per capita of \$0.803.

Special Appropriations.

| Object.                             | Act or Resolve.                     | Whole<br>Amount. | Expended<br>during<br>Fiscal Year. | Expended to Date. | Balance at End<br>of Year. |
|-------------------------------------|-------------------------------------|------------------|------------------------------------|-------------------|----------------------------|
| Reconstruction of laundry building, | Acts 1910, chap. 127,   \$11,000 00 | \$11,000 00      | \$3,433 80 \$11,000 00             | \$11,000 00       | l                          |

## Respectfully submitted,

## SCOTT WHITCHER,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

# WARREN A. MERRILL,

Assistant Supervisor of Accounts.

## STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



# 1. — General Statistics of the Year.

1. — General Statistics of the Year — Concluded.

| .RY INEBRIATES. AGGREGATES. | Totals.  Males. Totals.  Totals. | 1   |
|-----------------------------|----------------------------------|---|
| TEMPORARY<br>CARE.          | Males.<br>Females.               |   |
|                             | Totals.                          | 003888  |
| VOLUNTARY,                  | Females.                         | 111111111111111111111111111111111111111   |
| Volu                        | Males.                           | 0.03881111111111111111111111111111111111  |
|                             | Totals.                          | 1,444<br>1,434<br>10<br>10<br>1,186<br>131<br>2,068<br>598<br>629<br>629<br>629<br>629<br>1,452,135<br>1,145,135<br>1,187,77<br>1,187,77<br>1,187,77<br>1,187,77<br>1,187,77<br>1,187,77<br>1,188,79<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1,287,70<br>1 |
| INSANE.                     | Females.                         | 826<br>819<br>819<br>819<br>819<br>820<br>820<br>821<br>822<br>824<br>111<br>111<br>111<br>111<br>111<br>111<br>111<br>111<br>111<br>1  |
|                             | Males.                           | 618<br>618<br>619<br>7<br>7<br>822<br>822<br>823<br>822<br>833<br>823<br>823<br>823<br>823<br>823   |
|                             |                                  | Patients remaining Sept. 30, 1911,  Viz. regularly committed, emergency, voluntary, temporary eare, supported as State patients, supported as reimbursing patients, Number of different persons admitted, number of different persons admitted, Number of different persons admitted from the community, Number of different persons recovered, Number of different persons resovered, Number of different persons espable of self-support, Daily average number of patients, reimbursing patients, reimbursing patients, reimbursing patients, private patients, private patients. Whole number of voluntary patients, Daily average number of temporary care admissions, Whole number of temporary care admissions,   |

### 2. — Insane received on First and Subsequent Commitments.

|  |      |        | ,      |       |     |   | CA                                  | SES COMMITT                             | ED.                                      |
|--|------|--------|--------|-------|-----|---|-------------------------------------|---|--|
| NUMBER O   | F C  | OMN    | IITN   | ENT   | rs. |   | Males.                              | Females.                                | Totals.                                  |
| First to this hospital, Second to this hospital, Third to this hospital, Fourth to this hospital, Fifth to this hospital, Sixth to this hospital, Seventh to this hospital, Eighth to this hospital, Ninth to this hospital, Tenth to this hospital, Tenth to this hospital, | :    | :      | :      | :     | :   | : | 250<br>21<br>10<br>2<br>1<br>-<br>- | 254<br>18<br>7<br>5<br>-<br>1<br>1<br>1 | 504<br>39<br>17<br>7<br>1<br>1<br>1<br>1 |
| Total cases, Total persons, .  |      | •      |        |       |     |   | 284                                 | 289                                     | 573<br>570                               |
| Never before to any hosp   | ital | for th | ne ins | sane, |     |   | 227                                 | 234                                     | 461                                      |

## 3. — Nativity and Parentage of Insane Persons first admitted to Any Hospital.

|   |        |     |   |  | Males  |   | F  | EMALE                            | s.  | 7  | COTALS  |  |
|---|--------|-----|---|--|--|---|--|----------------------------------|---|--|---|--|
| PLACES OF N.  | ATIVI  | TY. |   | Patients.  | Fathers.   | Mothers.  | Patients.  | Fathers.                         | Mothers.  | Patients.  | Fathers.  | Mothers.   |
| Massachusetts,<br>Other New England S<br>Other States,  | tates, | :   | • | 04<br>20<br>6  | 38<br>32<br>6  | 46<br>26<br>8   | 87<br>21<br>12   | 49<br>30<br>6                    | 44<br>25<br>6   | 181<br>41<br>18  | 87<br>62<br>12  | 90<br>51<br>14                                   |
| Total native, .   |        |     |   | 120  | 76   | 80  | 120  | 85                               | 75  | 240  | 161   | 155  |
| Other countries: — Azores, Austria, British Provinces, China, Denmark, England, Finland, France, Ireland, Italy, Germany, Geece, Norway, Poland, Portugal, Russia, Scotland, Sweden, Syria, Turkey, Wales, West Indies, |        |     |   | 2 24<br>1 2<br>13 1<br>2 9<br>7 7<br>3 2<br>1 2 9<br>1 1<br>2 9<br>1 1 1 3 | 223<br>112<br>171<br>1 55<br>74<br>22<br>113<br>33<br>133<br>44<br>55<br>1 1 | 29<br>1<br>2<br>16<br>1<br>-<br>48<br>7<br>5<br>1<br>-<br>2<br>2<br>12<br>13<br>5<br>1<br>1<br>-<br>1<br>-<br>2<br>1<br>1<br>-<br>2<br>1<br>1<br>-<br>2<br>1<br>1<br>1<br>1<br>1<br>1 | 1<br>41<br>-<br>7<br>4<br>2<br>36<br>1<br>1<br>1<br>-<br>7<br>4<br>4<br>3<br>1<br>1<br>1<br>-<br>1<br>-<br>1 | 1 3 43 43 43 1 1 7 7 4 4 3 1 1 1 | 1 2 46 - 1 1 12 4 4 2 5 5 9 1 1 4 1 6 6 4 4 3 1 1 6 6 1 1 1 1 1 1 1 1 1 1 | 1 4 65 1 20 5 5 2 65 8 4 4 3 - 1 1 2 1 6 5 5 8 2 1 1 2 2 3 | 1 5 66 1 2 27 5 2 1111 9 7 3 1 1 3 3 20 8 8 2 1 1 1 2 | 1 4 75 1 3 28 5 2 107 8 9 2 2 2 18 7 8 2 2 1 1 2 |
| Total foreign, .<br>Unknown,  | :      | :   | : | 107  | 147<br>4   | 141<br>6  | 113<br>1   | 141<br>8                         | 148<br>11   | 220<br>1   | 288<br>12   | 289<br>17  |
| Totals,   |        |     |   | 227  | 227  | 227   | 234  | 234                              | 234   | 461  | 461   | 461  |

### 4. — Residence of Insane Persons admitted from the Community.

|                       |      |       |        |      | 7      | T ADMI<br>TO ANY | Y       |        | OTHER<br>MISSIO |         | 1      | COTALS   |         |
|-----------------------|------|-------|--------|------|--------|------------------|---------|--------|-----------------|---------|--------|----------|---------|
| PLAC                  | ES.  |       |        |      | Males. | Females.         | Totals. | Males. | Females.        | Totals. | Males. | Females. | Totals. |
| Dukes County,         |      |       |        |      | 1      | _                | 1       | _      | -               | -       | 1      | -        | 1       |
| Essex County,         |      |       |        |      | 123    | 131              | 254     | 33     | 33              | 66      | 156    | 164      | 320     |
| Middlesex County,     |      |       |        |      | 46     | 57               | 103     | 12     | 12              | 25      | 59     | 69       | 128     |
| Norfolk County,       |      |       |        |      | 2      | 1                | 3       | 1      | 1               | 2       | 3      | 2        | 5       |
| Suffolk County,       |      |       |        |      | 55     | 44               | 99      | 10     | 9               | 19      | 65     | 53       | 118     |
| Worcester County,     |      |       |        |      | -      | 1                | 1       | -      | -               | -       | -      | 1        | 1       |
| Totals, .             |      |       |        |      | 227    | 234              | 461     | 56     | 53              | 109     | 283    | 287      | 570     |
| Cities or large towns | (10, | 000 c | or ove | er), | 187    | 205              | 392     | 44     | 45              | 89      | 231    | 250      | 481     |
| Country districts (u  | nde  | r 10, | 000),  |      | 40     | 29               | 69      | 12     | 8               | 20      | 52     | 37       | 89      |

### 5. — Civil Condition of Insane Persons first admitted to Any Hospital.

|             |  |  |  |  |  | Males. | Females. | Totals. |
|-------------|--|--|--|--|--|--------|----------|---------|
| Unmarried,  |  |  |  |  |  | 103    | 83       | 186     |
| Married, .  |  |  |  |  |  | 93     | 97       | 190     |
| Widowed, .  |  |  |  |  |  | 24     | 51       | 75      |
| Divorced, . |  |  |  |  |  | 7      | 3        | 10      |
| Unknown, .  |  |  |  |  |  | -      | -        | -       |
| Totals, .   |  |  |  |  |  | 227    | 234      | 461     |

### 6. — Occupations of Insane Persons first admitted to Any Hospital. MALES.

|                      |   |   | _ |   |               |                          |   |   |   |   |               |
|----------------------|---|---|---|---|---------------|--------------------------|---|---|---|---|---------------|
|                      |   |   |   |   |               |                          |   |   |   |   |               |
| Agents, .            |   |   | ٠ |   | $^{2}$        | Motorman,                |   |   |   |   | 1             |
| Bakers, .            |   |   |   |   | 2             | Musicians,               |   |   |   |   | 2             |
| Barbers, .           |   |   |   |   | 5             | Newsboy, .               |   |   |   |   | 1             |
| Bartenders,          |   |   |   |   | 2             | Nurse, .                 |   |   |   |   | 1             |
| Blacksmiths,         |   |   |   |   | 6             | Operatives,              |   |   |   |   | 10            |
| Bookbinders,         |   |   |   |   | 2             | Painters, .              |   |   |   |   | 6             |
| Bookkeepers,         |   |   |   |   | 3             | Physician,               |   |   |   |   | 1             |
| Brakeman,            |   |   |   |   | 1             | Picture framer,          |   |   |   |   | 1             |
| Butchers, .          |   |   |   |   | 2             | Plumbers,                |   |   |   |   | 3             |
| Cabinet maker,       |   |   |   |   | 1             |                          |   |   |   |   | 1             |
| Carpenters.          |   |   |   |   | 7             | Produce dealer.          |   |   |   |   | 1             |
| Clerks, .            |   |   |   |   | 6             | Salesmen, .              |   |   |   |   | 4             |
| Cooks, .             |   |   |   |   | 3             | Seamen                   |   |   |   |   | 4             |
| Curriers, .          |   |   |   |   | 3             | Servant, .<br>Shipper, . |   |   |   |   | 1             |
| Draughtsman,         | Ċ |   | Ü |   | 1             | Shipper.                 |   |   |   |   | 1             |
| Engineer, .          |   | · | Ť |   | 1             | Shoemakers,              |   |   |   |   | 21            |
| _                    |   | : | • | • | 10            | Steamfitter,             |   |   | · | · | 1             |
| Fishermen,           | • |   | • | • | 2             | Stenographer,            | • | • | • | • | ī             |
| Gardener, .          | • |   | • | • | 1             | Stone cutters,           | • | • | • | • | 2             |
| Hatters, .           | • | • | • | • | 2             | Storekeepers,            | • | • | • | • | 2             |
| Hostlers, .          | • | • | • | • | $\frac{2}{2}$ | Students, .              | • | • | • | • | 6             |
|                      |   |   | • | • | 3             |                          | • | • | • | • | 1             |
| Iron workers,        | ٠ | • | • | • | 1             | Surveyor, .              | • | • | • | • | 1             |
| Janitor, .           | ٠ |   | • |   |               | Tailor, .                | • | • | • | • | 8             |
| Jeweler, .           | ٠ |   | • | • | 1             | Teamsters,               | • | • | • | • | 1             |
| Junk dealer,         |   |   |   | • | 1             | Waiter, .                | • | • | • | • | 2             |
| Laborers, .          | ٠ | • |   |   | 35            | Watchmen,                | • |   | • |   | $\frac{2}{3}$ |
| Laundryman,          |   |   |   |   | 1             | Weavers, .               | • | • | • | • |               |
| Leather workers      |   |   | ٠ | • | 2             | Wool sorter,             | • |   | • | • | 1             |
| Liquor dealer,       |   |   | ٠ |   | 1             | Retired, .               | ٠ |   | • |   | 3             |
| Machinists,          |   |   |   |   | 10            | None, .                  |   | • |   |   | 9             |
| Manufacturer,        |   |   | ٠ |   | 1             | Unknown,                 |   |   |   |   | 2             |
| Mason, .             |   |   |   |   | 1             |                          |   |   |   |   |               |
| Mechanics,           |   |   |   |   | 3             | Total,                   |   |   |   |   | 227           |
| Merchant,            |   |   | ٠ |   | 1             |                          |   |   |   |   |               |
|                      |   |   |   | : | Fem.          | ALES.                    |   |   |   |   |               |
|                      |   |   |   |   |               |                          |   |   |   |   |               |
| Bookkeeper,          |   |   |   |   | 1             | Milliner, .              |   |   |   |   | 1             |
| Clerk, .<br>Cooks, . |   |   |   |   | 1             | Nurses, .                |   |   |   |   | 4             |
| Cooks, .             |   |   |   |   | 4             | Operatives,              |   |   |   |   | 27            |
| Domestics,           |   |   |   |   | 33            | Stenographer,            |   |   |   |   | 1             |
| Dressmakers,         |   |   |   |   | 2             | Tailoress, .             |   |   |   |   | 1             |
| Housekeepers,        |   |   |   |   | 24            | Teacher, .               |   |   |   |   | 1             |
| Housewives,          |   |   |   |   | 85            | Waitress, .              |   |   |   |   | 1             |
| Laundress,           |   |   |   |   | 1             | None, .                  |   |   |   |   | 45            |
| Music teacher,       |   |   |   |   | ī             | 1 320,                   |   |   |   | • |               |
|                      |   |   |   |   | 1             | Total.                   |   |   |   |   | 234           |
|                      |   | · | • | • | -             | 20001                    | • |   | • |   | -01           |
|                      |   |   |   |   |               |                          |   |   |   |   |               |

7. - Age of Insane at First Attack, Admission and Death.

|                             |   | FIRST /          | FIRST ADMITTED TO ANY HOSPITAL. | O ANY HOS | SPITAL.        |         |        |                  | DIED.  | gD.              |                   |                  |
|-----------------------------|---|------------------|---------------------------------|-----------|----------------|---------|--------|------------------|--|------------------|-------------------|------------------|
| A G.E.O.A.                  | AT                                      | AT FIRST ATTACK. | ЭК.                             | WH        | WHEN ADMITTED. | ED.     | AT 1   | AT FIRST ATTACK. | CK.  | AT T             | AT TIME OF DEATH. | тн.              |
|                             | Males.                                  | Females.         | Totals.                         | Males.    | Females.       | Totals. | Males. | Females.         | Totals.  | Males.           | Females.          | Totals.          |
| Congenite                   | 14                                      | 16               | 30                              | 1         | 1              | ı       | 4      | က                | 7  | 1                | ı                 | i                |
| 15 vears and less.          | 4                                       | 2 1              | 4                               | 2         | 1              | 7       | 1      | 1                | . 1  | 1                | 1                 | 1                |
| From 15 to 20 years,        | 11                                      | 6                | 20                              | 12        | 12             | 24      | -      | 1                |  | <del>, -</del> 1 | 1 0               | <del>, -</del> ( |
| 20 to 25 years,             | 21                                      | 15               | 36                              | 22        | 17             | 36      | 7      | ,—I              | က  | <b>,</b> ,       | 24 (              | ו כה             |
| 25 to 30 years,             | 11                                      | 22               | 36                              | 14        | 73             | 37      | 4      | <del>,  </del>   | ر<br>ا   | က I              | 27 .              | تى ئ             |
| 30 to 35 years,             | 32                                      | 31               | 63                              | 27        | 53             | 26      | 4      | ∞                | 12   | _ ;              | 41                | Ξ;               |
| 35 to 40 years,             | 37                                      | 19               | 26                              | 40        | 25             | 65      | E :    | <b>∞</b>         | 21   | 01               |                   | 7.7              |
| 40 to 50 years,             | 33                                      | 44               | 77                              | 38        | 44             | 85      | 22     | £3:              | 45   | × :              | 77                | 93.<br>1         |
| 50 to 60 years,             | 28                                      | 37               | 65                              | 37        | 40             | 14      | 20     | 6I               | 95<br>30<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10 | 7.7              | 7.7<br>200        | 41               |
| 60 to 70 years,             | 17                                      | 17               | 34                              | 15        | 19             | 34      | 16     | 15               | 31   | 17               | 07;               | 9.0              |
| 70 to 80 years,             | ======================================= | 12               | 73                              | 17        | 18             | 35      | 133    | en :             | 97   | 16               | 9;                | 2,70             |
| Over 80 years,              | 7                                       | 9                | ∞                               | က         | <b>&gt;</b>    | 10      | က      | 10               | 13   |                  | 18                | 720              |
| Totals,                     | 221                                     | 231              | 452                             | 227       | 234            | 461     | 102    | 101              | 203  | 104              | 101               | 202              |
| Unknown,                    | 9                                       | က                | <u>o</u>                        | ı         | 1              | 1       | 2      | 1                | 7.   | 1                | 1                 | 1                |
| Totals,                     | 227                                     | 234              | 461                             | 227       | 234            | 461     | 104    | 101              | 205  | 104              | 101               | 205              |
| Mean known ages (in years), | 38.59                                   | 40.96            | 39.77                           | 43.29     | 45.29          | 44.29   | 54.55  | 56.13            | 55.34  | 56.63            | 59.85             | 58.22            |
|                             |   |                  |                                 |           |                |         |        |                  |  |                  |                   |                  |

8. — Probable Cause of Mental Diseases in Persons first Admitted to Any Hospital.

| 1         |                      |                   |  | 7  |
|-----------|----------------------|-------------------|--|--|
|           | ROSIS.               | Totala.           |  | 27   |
|           | RIOSCLE              | Females.          | 141111111111111111111111111111111111111  | 21   |
| 7         | ARTE                 | Males.            | 01          01   | 9  |
|           |                      | Totals.           | 700 124 144 11 11 124 19   | 35   |
| ES.       | соног                | Females.          | 51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 16   |
| d CAUS    | IA                   | Males.            | 100   03   1444   1   1   1044   109   | 19   |
| DISPOSIN  |                      | Totala.           | 101111011111111  | 6  |
| Pri       | EUROTIC              | Females.          | 1111110011111111 11  | 63   |
|           | Z                    | Males.            | ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا  | 7  |
|           | У.                   | Totals.           | 04.101.101 HH  | 123  |
|           | REDITAR              | Females.          | 119  | 7.7  |
|           | HE                   | Alales.           | 014.14.118.11110.1 HH  | 46   |
| ADMITTED. |                      | Totals.           | 25 2 2 1 1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3   | 461  |
|           |                      | Females.          | 541 1 61 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 234  |
|           |                      | .ksles.           | 843 121 482 110 182 18   | 227  |
|           |                      |                   |  | •  |
|           |                      | ž                 |  | •  |
|           |                      | USE               |  |  |
|           |                      | EXCITING CAI      | . — Physical: — Alcohol. Alcohol. Atteriosalcrosis, Carcinoma, Carcinoma, Druga, Epilepsy, Horolity, Infectious disease, Morphine and syphilis, Senility, Sunstrofe, Syphilis, Trauma of head, — Mental: — Overwork, and worry, Unknown,   | Totals,  |
|           | PREDISPOSING CAUSES. | HEREDITARY. NEURC | ADMITTED.   ADMITTED.   ADMI |

9. — Probable Duration of Mental Disease before Admission.

|                                    | FIRST ADM | HITTED TO ANY | Hospital. |
|------------------------------------|-----------|---------------|-----------|
| PREVIOUS DURATION.                 | Males.    | Females.      | Totals.   |
| Congenital,                        | 14        | 16            | 30        |
| Under 1 month,                     | 54        | 26            | 80        |
| From 1 to 3 months,                | 35        | 27            | 62        |
| 3 to 6 months,                     | 22        | 26            | 48        |
| 6 to 12 months,                    | 34        | 43            | 77        |
| 1 to 2 years,                      | 17        | 29            | 46        |
| 2 to 5 years,                      | 27        | 43            | 70        |
| 5 to 10 years,                     | 7         | 13            | 20        |
| 10 to 20 years,                    | 9         | 6             | 15        |
| Over 20 years,                     | 1         | · 1           | 2         |
| Totals,                            | 220       | 230           | 450       |
| Unknown,                           | 7         | 4             | 11        |
| Not insane,                        | -         | -             | -         |
| Totals,                            | 227       | 234           | 461       |
| Average known duration (in years), | 1.69      | 1.96          | 1.82      |

10. - Form of Mental Diseases in Patients admitted from the Community, discharged, with their Condition on Discharge, or died.

|            |                                    |          | . 1   |
|------------|------------------------------------|----------|---|
|            | GES<br>THS.                        | Totals.  | 051 1 1 1 2 2 2 4 4 2 2 2 2 4 4 2 2 2 2 1 1 1 1   |
| TOTAL      | TOTAL<br>DISCHARGES<br>AND DEATHS. | Females. | 8028112812811 131118110110110   |
|            | DISCAND                            | Males.   | 72 44 1 1 2 2 3 3 3 3 1 1 1 1 1 1 2 2 3 3 3 1 1 1 1   |
|            |                                    | Totals.  | ₩₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩  |
|            | Died.                              | Females. | 441111042 14211 811111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
|            | П                                  | Males.   | 4-4-1   |
|            |                                    | Totala.  | 1111111111111111111111111111111   |
|            | NOT                                | Females. | 11111111111111  |
|            | INI                                | Males.   | 11111111111111  |
|            | .D.                                | Totals.  | 227711147111211111111111111111111111111   |
| ı          | NOT                                | Females. | HIHIII  |
|            | IMP                                | Males.   | ØØ}    @∺   |
|            | ED.                                | Totals.  | ©871117011711   |
| RGED       | IMPROVED                           | Females. | 1441115114111 2411144111  |
| DISCHARGED | IME                                | Males.   | \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\   |
| DI         | OF<br>ORT.                         | Totala.  | 4-4-1-1-1-1-1-0::11-1-1-1-1   |
|            | CAPABLE OF<br>SELF-SUPPORT         | Females. | 111111111111111111111111111111111111111   |
|            | CAP                                | Males.   | 4-4   |
| 1          | RECOVERED.                         | Totala.  | 814111114111 4811111111   |
|            |                                    | Females. | elell   |
|            |                                    | Males.   | #11111111111111111111111111111111111111   |
|            | ė.                                 | Totals.  | \$4cc2   c4acc2   6cc2   12222-4   c0c222   |
|            | Соммитер                           | Females. | 24.11.17.1.2.2.2.4.4.1.17.1.17.1.2.2.2.4.4.1.17.1.17  |
|            | Сом                                | Males.   | 4.ccc1   cc. 2.4 cc.   1 cc.   2.   2.   2.   2.   2.   2.   2.   |
| -          |                                    |          |   |
|            |                                    |          | 1   |
|            |                                    | E.       | taji  |
|            |                                    | SEASE    | hoss hoss   |
|            |                                    | DIS      | A. — First admitted to any hospital: Alcoholic insanity: — Chronic, Chorea, Huntington's, Chorea, Huntington's, Chorea, Huntington's, Delirium, chronicy, Delirium, chronicy, Delirium, chronicy, Delirium, chronicy, Delirium, chronicy, Inspectate insanity, Idiocy, Involutional melaneholia, Involutional melaneholia, Manucedity, Manucedity, Manucedity, Manucedity, Manucedity, Manucedity, Manucedity, Manucedity, Manucedity, Meyopathio personality, Paranoid condition, Paranoid chemitia,   |
|            |                                    | OF       | Active admitted to a Alcoholic insanity:—Active, Alcoholism, errori, Alcoholism, errori, Alcoholism, errori, Epilepien, Huttington; Constitutional inferic Dollrium, and paralysis, Hysterical insanity, Imbecility, Imbecility, Imbecility, Imbecility, Imbecility, Imbecility, Imbecility, Manicad, Depressed, Maniacal, Depressed, Maniacal, Depressed, Morphinism, Persentie insanity, Persentie delirium, Polymeuritic delirium, Polymeuritic delirium, Senile dementia,   |
| V.         |                                    | FORMS OF | - First admitted to Alcoholic insanity: Acute, Chronic, Alcoholism, chronic Chores, Huntington Constitutional infel Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Delirium, Manical, Manical, Manical, Depressed, Manical, Depressed, Manical, Depressed, Manical, Depressed, Manical, Depressed, Mixed, Morphinism, Organic dementia, Paranoid condition, Presonlie insanity, Paranoid condition, Personlie insanity, Paranoid condition, Paranoid condit    |
|            |                                    | ORI      | - First admitt Alcoholic insaa Acute. Chronic, Choronic, Constitutional Delinium, præ Enjelptic insa General paraly Imbecility, Involutional Namical, Manical, Manical, Mixed, Mi    |
|            |                                    | F        | - First adm<br>Alcoholic in Abroholic in Chronic, C |
|            |                                    |          | Ale   |
|            |                                    |          | . A   |

10.—Form of Mental Diseases in Patients admitted from the Community, discharged, with their Condition on Discharge, or died.—Concluded.

| DISCHARGED. | COMMITTED. CAPABLE OF IMPROVED. SELF-SUPPORT. IMPROVED. | Females. Males. Females. Totals. Males. Females. Totals. Totals. | 16 50 2 3 3 1 1 1 1 2 2 3 3 1 1 1 1 2 2 3 3 1 1 1 1 | 234 461 16 9 25 22 8 30 30 35 65 | 10                                      | 55         112         6         2         8         10         3         13         12         13         25           289         573         22         11         33         32         11         43         42         48         90           287         570         22         11         33         32         11         43         42         48         90 |
|-------------|---|--|---|----------------------------------|---|---|
|             | FTED.   |  |   | -                                |   |   |
|             |   |  | 20 1 20 30  | 1                                | 020180184111 881141111111               |   |
|             | RECOVERE  |  |   |                                  |   |   |
|             |   |  |   | <u> </u>                         |   |   |
| I           | PABLE OF<br>F-SUPPORT                                   |  | 1110  | ∞<br>  ∞                         | IIIeIIIII eIIIIII                       | 111   |
| DISCHA      |   |  |   |                                  |   |   |
| RGED.       | ROVED.  |  |   |                                  |   |   |
|             | IMI   | Males.   | 111=  | 18                               | 111011111111111111111111111111111111111 | 2173  |
|             | NOT<br>IMPROVED.  | Females.<br>Totals.  | 1110  | 10 28                            | 1110000011 111111100                    | 9 12<br>19 40<br>19 40  |
|             | -   | Males.   | 1111  | 1                                | 1112-1-11 - 111111111111111111111111111 | 111   |
|             | NOT<br>INSANE.  | Females.   | 1111  |                                  | 111111111                               | 1 1 1   |
| -           | ī   | Totala.  | 1111  | <u>  ~ </u>                      | 11111111 1111                           | - 104<br>- 104  |
|             | DIED.   | Males.<br>Females.   | 2118  | 87 85                            | 111014011 011011110                     | 7 16<br>4 101<br>4 101  |
|             |   | Totals.  | 3<br>1<br>1<br>16                                   | 172                              | HHHW   400   1 00   101   1 HW          | 33<br>205<br>205  |
| E           | Disci<br>AND J  | Males.   | 1 19  | 173                              | 7001014001 Om1011111                    | 48<br>221<br>221  |
| Torat       | DISCHARGED<br>AND DEATHS                                | Females.<br>Totals.  | 2<br>1<br>1<br>20<br>39                             | 147 320                          |   | 43<br>190<br>411<br>190<br>411  |

11. — Discharges of the Insane, classified by Admission and Result, and Death.

|                                 | RE     | RECOVERED. | B.      | CAF    | CAPABLE OF<br>SELF-SUPPORT | E.      | IMP    | Імриоуер. |         | Norn   | Not improved. |         | Nor    | Nor Insane. |         | А      | Викр.    |         | Ава    | Aggregates. | 80      |
|---------------------------------|--------|------------|---------|--------|----------------------------|---------|--------|-----------|---------|--------|---------------|---------|--------|-------------|---------|--------|----------|---------|--------|-------------|---------|
| NUMBER OF ADMISSIONS.           | Males. | Females.   | Totals. | Males. | Females.                   | Totale. | Males. | Females.  | Totals, | Males. | Females.      | Totals. | Males. | Females.    | Totala. | Males. | Females. | Totals. | Males. | Females.    | Totals. |
| First to this hospital,         | 11     | 6          | 26      | 29     | 6                          | 38      | 37     | 40        | 11      | 20     | 16            | 36      | 1      | - 1         | 1       | 93     | 91       | 184     | 196    | 165         | 361     |
| Second to this hospital,        | က      | ı          | က       | 2      | 67                         | 4       | 4      | က         | 7       | -      | 2             | ಣ       | 1      | 1           | 1       | 6      | -        | 16      | 19     | 14          | 33      |
| Third to this hospital,         | 23     | 1          | 2       | -      | 1                          | -       | 1      | 63        | 63      | 1      | -             | -       | ı      | 1           | 1       | 62     | 1        | 53      | rs     | es          | oo.     |
| Fourth to this hospital,        | 1      | 1          | 1       | 1      | 1                          | 1       | -      | ı         | -       | 1      | 1             | 1       | 1      | 1           | ı       | ı      | က        | က       | -      | es          | 4       |
| Fifth to this hospital,         | 1      | -          | 1       | 1      | 1                          | 1       | 1      | ī         | 1       | 1      | 1             | ı       | 1      | 1           | 1       | 1      | 1        | 1       | 1      | -           | -       |
| Sixth to this hospital,         | 1      | '          | 1       | 1      | 1                          | 1       | 1      | -         | _       | 1      | 1             | 1       | ı      | 1           | 1       | 1      | 1        | 1       | 1      | -           | -       |
| Seventh to this hospital, .     | 1      | 1          | -1      | 1      | 1                          | 1       | 1      | _         | -       | 1      | 1             | 1       | 1      | 1           | ı       | 1      | 1        | ı       | 1      | -           | -       |
| Eighth to this hospital,        | 1      | 1          | 1       | 1      | 1                          | 1       | 1      | -         | -       | ı      | 1             | 1       | ı      | 1           | 1       | 1      | 1        | 1       | ı      | -           | -       |
| Ninth to this hospital,         | 1      | -          | 1       | 1      | 1                          | 1       | 1      | 1         | ı       | 1      | 1             | 1       | 1      | 1           | 1       | 1      | 1        | ı       | 1      | -           | -       |
| Total cases,                    | 22     | 11         | 33      | 32     | Ξ                          | 43      | 42     | 48        | 06      | 21     | 10            | 40      | 1      | 1           | 1       | 104    | 101      | 205     | 221    | 190         | 411     |
| Total persons,                  | 22     | 11         | 33      | 32     | =                          | 43      | 42     | 48        | 8       | 21     | 10            | 40      | 1      | 1           | 1       | 104    | 101      | 202     | 221    | 190         | 411     |
| First admitted to any hospital, | 16     | 8          | 25      | 22     | ∞                          | 30      | 30     | 35        | 99      | 18     | 10            | 28      | 1      | ı           | 1       | 87     | 85       | 172     | 173    | 147         | 320     |

12. - Causes of Death and Form of Mental Disease in Persons who died.

| ı | 1                                 | Totals.  | 111111111  | 11111  | 1111001  |
|---|-----------------------------------|----------|--|--|--|
|   | Imbecility                        | Females. |  | 11111  | 11111  |
|   | IMBE                              | Males.   | 111111111  | 11111  | 111111   |
| ۱ | ML SIS.                           | Totals.  | 111101011110   | - 1 - 45 1   | 11103111   |
|   | GENERAL<br>PARALYSIS              | Females. | 111111-1111  | -11=11   | 11100111   |
| 1 | GE                                | Males.   | TTTTETTTTE H   | 1 23 1 1 1   | 111111   |
| 1 | TY.                               | Totals.  | 11111111111  | 11111  | 111111   |
| ı | EPILEPTIC<br>INSANITY.            | Females. |  | 11111  | 111111   |
| ١ | FE                                | Males.   |  | 11111  | 111111   |
| ١ | UM,                               | Totals.  | 111111111111   |  | 111111   |
| ١ | Delirium,<br>Acute.               | Females. |  | 11111  | 111111   |
| ı | DE                                | Males.   |  | 11111  | 111111   |
| ١ | X.                                | Totals.  | 111-11-11-1 1  | 11111  | 11-8-11  |
| ı | DEMENTIA<br>PRÆCOX.               | Females. | 111-11-11-1  | 11111  | 11-00111   |
| ı | DE                                | Males.   | 111111111==1 1   | 11111  | 111111   |
|   | TIC<br>LIC<br>TY.                 | Totals.  | 11111111111  | 11111  | <b>∺</b> 111111  |
| ١ | CHRONIC<br>ALCOHOLIC<br>INSANITY. | Females. | 111111111111   | 11111  | 111111   |
|   | In A C                            | Males.   | 1111111111   | 11111  |  |
| ı | ACUTE<br>ALCOHOLIC<br>INSANITY.   | Totals.  | <b>∓</b> 1111111111 , 1  | 03   | H11H111  |
| ı |                                   | Females. | 111111111111   |  | 111111   |
| ۱ | AL                                | Males.   | #11111111111 I   |  |  |
| ı | NTC                               | Totals.  | 11111111111  | 11111  | 111111   |
|   | CHRONIC<br>ALCOHOLISM             | Females. |  | 11111  | 111111   |
| ı | ALC                               | Males.   |  | 11111  | 111111   |
|   | ė                                 | Totals.  |  | 34 1 2 3 4 1 3 4 1 3 4 1 3 4 1 1 1 1 1 1 1 1 1   | 13<br>8<br>20<br>1<br>1<br>3   |
| ı | AGGRE-<br>GATES.                  | Females. |  | 9   11   1   | 7 4 2 4 T T L E  |
|   | W 0                               | Malea.   | 11111111400  | 23173  | 0410111  |
|   |                                   |          |  | • • • • • •  |  |
| ۱ |                                   |          |  |  |  |
| ı |                                   |          |  |  | Syste  |
| ۱ |                                   | zá       | iseases  |  | ttory  |
|   |                                   | CAUSES   | 001  |  | irculo   |
|   |                                   | CA       | General Di. preast, uterus, E. nn, mia, general, Nervous S.  | hage<br>ng,<br>oosis,<br>is, .<br>isease<br>isease   | of Cr  |
|   |                                   |          | f if f   | Cerebral hemorrhage,<br>Cerebral softening,<br>Cerebral thrombosis,<br>General paralysis, .<br>Organic brain disease,<br>Status epilepticus, . | Diseases of Circulatory System Endocarditis, Tuberculosis, general, Septic thrombus, Thrombus lateral sinus, Valvular heart disease,   |
|   |                                   |          | lism, oma oma heria, elas, elas, ena, ema, inous i   | al he<br>al so<br>al th<br>al pan<br>c bre<br>epile  | Dispersion of the control of the con |
|   |                                   |          | Alcoholism,  Carcinoma of bu Carcinoma of bu Carcinoma of bu Dipitheria, Erysipene of leg Hate exhaustion Myxodema, Oritis media, Pernicious amen Tuberculosis, gg Typhoid fever, Cerebral edema | erebr<br>erebr<br>erebr<br>eners<br>rgani  | Diseases Arteriosclerosis, Endocarditis, Tuberculosis, gc Myocarditis, Septic thrombus Thrombus later Valvular heart (   |
| 1 | 1                                 | •        | ZÜÜÄÄÖKÄÖÄÄÄÜÜS  | ರ <b>ರ</b> ರರ್ಶನೆ  | KHINKHEY   |

| 1=11011  | 11111   | 1.1.1  | 1                                  | 1.1                           | 100         |
|--|---|--|------------------------------------|-------------------------------|-------------|
| 1111-11  | 11111   | 1 1 1  | 1                                  | 1.1                           | 60          |
| THI THI  | 11111   | 1 1 1  | 1                                  | 1.1                           | 4           |
| 160 1 1 1 1 1  | 1-111   | 1.1.1  | 1                                  | 1-                            | 47          |
| 1-1111   | 1-111   | 1.1.1  | 1                                  | 1                             | 81          |
| 1-11111  | 1.1.1.1.1   | 1.1.1  | - 1                                | 1.1                           | 23          |
| 1 1 1 1 1 1  | 1 ( 1 1 1   | 1.1.1  | 1                                  | 1.1                           |             |
| 1111111  | 1111  | 1.1.1  | 1                                  | 1.1                           | -           |
| 1111111  | 1111  | 1.1.1  | ı                                  | 1.1                           | 1           |
| 1-11111  | 11111   | 1  | - 1                                | 1.1                           | 63          |
| 111111   | 11111   | 1.1.1  | ı                                  | 1.1                           |             |
| 1-1111   | 1111  | 1 1  | ı                                  | 1 1                           | 67          |
| 101-0-1  | 11-11   | 111  | 1                                  | <del></del>                   | ∞           |
| 161-111  | 11111   | 1.1.1  | 1                                  | 1.1                           | <u>-</u> -  |
| 1111641  | 11-11   | 1.1.1  | 1                                  | - 1                           | -<br>-<br>- |
| 181-111  | 1111=   | 111  |                                    | 1.1                           | 2           |
| 10011111   | 11111   | 1.1.1  |                                    | 1.1                           | 63          |
| level I I  | 1111=   | 1.1.1  | 1                                  | 1.1                           | 120         |
|  | 1111  |  | 1                                  | 1.1                           |             |
| 111111   | 11111   |  | 1                                  | 1.1                           |             |
|  | 11111   |  | <u> </u>                           | 1 1                           | 10          |
|  |   |  |                                    |                               |             |
|  | 11111   | 1 1 1  | <u>'</u>                           | 1 1                           | 1           |
|  |   |  | <u>'</u><br>                       | 1 1                           | -           |
|  | 11111   | 111  |                                    | 1 1                           | _           |
| 30 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |   |  |                                    | 7.77                          | 202         |
| -21-24-1   | 163 1   | 191  |                                    | 1 62                          | 101         |
| 121   9 4 1  | 120-1-  |  |                                    | - 1                           | 104         |
|  |   |  | ·                                  |                               |             |
| m.   |   | tem.   | •                                  | ٠.                            |             |
| Syste  | ystem   | Sys  | •                                  |                               |             |
| tube   | ve S <sub>1</sub>   | nary   |                                    |                               |             |
| Diseases of Respiratory System.  Abseess of lungs, Bangoudo-panounonia, Canbar pneumonia, Abbar pneumonia, Pulmonary fuberculosis, Pulmonary and intestinal tuberculosis, Septic pueumonia,  | Diseases of Directive System.<br>nal neoplasm,<br>hitis, .<br>terocolitis,                                    | Diseases of Genito-urinary System. nophritis, in nophritis, phrosus, | Violence.<br>lation,               | Ill-defined Causes.           |             |
| iia,<br>iia,<br>iulosi<br>itosti   | of D. ssm,  | fenit  | Viol<br>ulati                      | efine                         |             |
| ugs,<br>imon<br>imon<br>onia,<br>bere<br>id in   | sopla<br>sopla<br>solitis<br>ercu   | is,<br>ritis,  | ngun                               | III-d<br>1,                   |             |
| iseas<br>f lur<br>oncu<br>t,<br>y tu<br>y an   | Disection itis, erock   | eases<br>ohrit<br>ophi<br>osis,                                      | v str                              | Ξ.                            |             |
| Diess of the property of the p | mine<br>ocoli<br>ent<br>litis,  | Dise<br>nep<br>nic n   | le by                              | nstio                         |             |
| Absess of lungs, in Bronden-pneumonia, Empyoena, Lobar pneumonia, Pulmonary tuberculosis Pulmonary and intestin Septic pneumonia,  | Diseases of Diseases of Diseases of Enterocolitis, Acute anterocolitis, Ileccolitis, Intestinal tuberculosis, | Acute nephritis,<br>Chronic nephritis<br>Pyonephrosis,               | Violence Suicide by strangulation, | Exhaustion, . Toxic delirium, |             |
| 人田五日子び   | <=<===  | 40H  | 20                                 | E H                           | - 1         |

12. — Causes of Death and Form of Mental Disease in Persons who died — Concluded.

| 4                      | Totals.  |  | 1-1111-   |  |
|------------------------|----------|--|---|--|
| UNCLASSI-<br>FIED.     | Females. | 111111111  | 1=1111  | -01-111  |
| UNC                    | Males.   | 11111111   | 11111   | 1001-111   |
| g ;                    | Totals.  | 1111111111   | 111111  | 1113111  |
| Госомотов<br>Атахіа.   | Females. | 11,11111111  | 1   1   1   1   | 111111   |
| Loc                    | Males.   | 11111111111  | 111111  | 111111   |
|                        | Totals.  | 1111111111   | 111111  | 111-111  |
| Ibiocr                 | Females. | 1111111111   | 111111  | 111-111  |
| H                      | Males.   | 1111111111   | 111111  | 111111   |
| IA.                    | Totals.  | 111110011111   | 111111  | 81111  |
| SENILE<br>DEMENTIA     | Females. | 1111111111   | 111111  | 03 1 HH 1 1 1  |
| DEI                    | Males.   | 11111-11111  | 111111  | 1-1111   |
| LB.                    | Totals.  | 11111111   |   | 1111110  |
| Presenile              | Females. | 11411111   | 111111  | 11111118   |
| Pre                    | Males,   | 11111111111  | 111111  | 111111   |
| Ic<br>IA.              | Totals.  | 111111-11  | 147111  | ωη φ  I  |
| ORGANIC<br>DEMENTIA    | Females. | 111111-1-111   | 10011111  | 401100111  |
| OFE                    | Males.   | 111111111  | 1-1-1-1   | 41100111   |
| DI .:                  | Totals.  | 1111111  | 111111  | 111111   |
| CHRONIC<br>TOXIC.      | Females. | 1111111  | 111111  | 111111   |
| Q.L                    | Males.   | 11111111111  | 111111  | 111111   |
| e c                    | Totals.  | 11111111111  |   | 111111   |
| Acute<br>Toxic.        | Females. | 11111111111  | 111111  | 111111   |
| 76                     | Males.   | 11111111111  |   | 111111   |
| DE-                    | Totals.  | HILLIHALILLE   | 1 1 1 1 1 1   | 111411   |
| Manic De-<br>pressive. | Females. | 11111111111  | 111111  | 11160114   |
| MA                     | Males.   | 1111110011111  | 1-11111   | 111-111  |
|                        |          |  |   |  |
|                        |          |  |   |  |
|                        |          |  |   | Syster   |
|                        | ró.      | seases   | ystem.  | atory System.  |
|                        | CAUSES.  |  | δ. · · · · · ·  | r, is  |
|                        | CAI      | General Di   | Nervous S; a, rrhage, ing, rbosis, sis, disease, cus,   | of Cin   |
|                        |          | Alcoholism, General Carcinoma of breast, Carcinoma of uterus, Diphtheria, Eryspelas, Gangrene of leg, Heat exhaustion, Myxedema, Olitis media, Pernicious anemia, Tuberculosis, general, Typhoid fever,  | Nervous Cerebral edema, Cerebral hemorrhage, Cerebral softening, Cerebral thrombosis, General paralysis, Organic brain disease, Skatus epilepticus, | Diseases of Circul<br>Brdocarditis,<br>Tuberculosis, general,<br>Myocarditis,<br>Septic thrombus,<br>Thrombus lateral sinus,<br>Valvular heart disease,  |
|                        |          | ism, oma c oma c eria, las, las, haus ma, ledia  | l ede<br>ll ber<br>ll sof<br>l thr<br>par<br>brai   | Dise selercitistic distriction on the selection of the se |
|                        |          | de Alcoholism, carefuloria de la Careinoma of bre Careinoma of tre Diphtheria, careinoma of tre Erystelas, careinoma en careinoma de leg, Heat exhaustion, Myxdedna, olitis media, chernicous anemi Tuberculosis, ger Typhoid fever,   | rebra<br>rebra<br>rebra<br>rebra<br>neral<br>ganic  | Diseases Arteriosclerosis, Endocarditis, Tuberculosis, ge Myocarditis, Septic thrombu Thrombus laters Valvular heart o   |
|                        |          | The Skip Sp. Tree Skip Sp. Tre | 200000 m  | Ary<br>Thy<br>Tra<br>Val   |

| 163111  |  | 1 1  |   | 1.1                              | 21 |
|---|--|--|---|----------------------------------|----|
|   | -1111  | 1-1  | ı   | 1.1                              | 11 |
| 1-1-11  | 1 1 1 1  | 1.1.1  |   | 1.1                              | 10 |
| 111111  | 1-111  | 1.1.1  | ı   | 1.1                              | -  |
| 111111  | 11111  | 1.1.1  | 1   | 1.1                              | 1  |
| 111111  | 1-111  | 111  | I   | 1.1                              |    |
| 111111  | 11111  | 1.1.1  | ı   | 1.1                              | 1  |
| 111111  | 11111  | 1.1.1  | 1   | 1.1                              | -  |
| 111111  | 11111  | 1.1.1  | ı   | 1.1                              | 1  |
| 100   | 111-1  | 1  | 1   | 1 1                              | 22 |
| 15-1-111  | 111-1  | 1  | 1   | 1.1                              | 16 |
| <u>i</u> wı⊣ııı   | 1.1.1.1.1  | 1.1.1  | ı   | 1.1                              | 9  |
| 111111  | 11111  | 111  | 1   | 1.1                              | က  |
| 111111  | 11111  | 1.1.1  | 1   | 1.1                              | ಣ  |
| 111111  | 1 + 1 1 1  | 1.1.1  | T   | 1.1                              | 1  |
| 1211111   | 1-111  | 1691   | - 1   | 1.1                              | 44 |
| 16011411  | 11111  | 11   | 1   | 1.1                              | 19 |
| 1414114   | 1-111  | 1-1  | - 1   | 1.1                              | 25 |
| 1111111   | 11111  | 111  | 1   | 1 1                              | -  |
| 111111  | 1111   | 1.1.1  | ı   | 1.1                              | -  |
| 111111  | 1111   | 111  | - 1   | 1 1                              | 1  |
| 111111  | 1   1 1  | 1-1  | -   | 1.1                              | က  |
| 111111  | 1 1 1 1  | 1 1  | - 1   | 1.1                              | 2  |
| 111111  | 11111  | 111  | 1   | 1.1                              | -1 |
| 1014011   | 180111   | 127  | - 1   | 1                                | 21 |
| ज   ज ज । ।   | 11111  | 161  | - 1   | 1-                               | 13 |
| 11100111  | 100111   | 11-  | - 1   | 1.1                              | 8  |
|   |  |  | •   | *: .                             |    |
| n   |  |  | •   |                                  |    |
| ratory System   | Diseases of Digestive System.<br>nal neoplasm,<br>hittis,<br>terocolitis,<br>s,  | urinary System   | ٠   |                                  |    |
| 719 S   | e Sy   | tary .   |   | Jauses.                          |    |
| irate   | estiv  | urin.  | nce.  | O                                |    |
| Diseases of Respi<br>of lungs,<br>-pneumonia,<br>na,<br>meumonia,<br>ary tuberculosis,<br>ary and intestin<br>neumonia,   | Dig<br>n,<br>sis,  | Diseases of Genito-in nephritis, incorphritis, incorphritis, ephrosis, | Violer<br>lation                                    | Ill-defined                      |    |
| of 1<br>onis<br>ia,<br>inte   | s of<br>plass<br>tis,  | r Ge   | alugu<br>V  | -def                             |    |
| ases<br>ungs<br>eum<br>nou<br>tube<br>and<br>non  | ease<br>neor<br>s, .   | es of<br>itis,<br>hrit.<br>s,  | tran  | III.                             |    |
| of henry tury tury the  | Dis<br>nal 1<br>olitis<br>terc<br>s,   | seas<br>phr<br>nep<br>rosi   | 3y 8  | ion,<br>liriu                    |    |
| sess<br>ncho<br>oyen<br>rr pi<br>nong<br>nong<br>ic pi  | omin<br>srocc<br>e er<br>oliti<br>stins  | Di<br>e ne<br>nic  | de  | rusti<br>c de                    |    |
| Abscess of Respin Abscess of Ings, Brotho-pneumonia, Empyema, Lobar pneumonia, Iobar pneumonia, Pulmonary tuberculosis, Pulmonary and intestina Septic pneumonia, | Diseases of Dig<br>Abdominal neoplasm,<br>Enterocolitis,<br>Acute enterocolitis,<br>Ileocolitis,<br>Intestinal tuberculosis, | Acute nephritis,<br>Chronic nephritis,<br>Pyonephrosis,                | $ootnote{Violen}{Violen}$ Suicide by strangulation | Exhaustion, .<br>Toxic delirium, |    |
| 11 11 11 11 11 11 11 11 11 11 11 11 11  | 10 100   | 701  | 02  | 4.                               | 1  |

13. - Duration of Mental Disease and Treatment in Patients recovered and died.

| 7 10 10 10 10 10 10 10 10 10 10 10 10 10  |                  | 33                             |
|---|------------------|--------------------------------|
| 11-1-2222   | 16               | 16                             |
| 111-04-00   | 17               | 17 62.00                       |
| .601111100104   | 33               | 33                             |
| H   H   H H W W 4 W   | 16               | 16                             |
| 811114856   | 17               | 17                             |
| 45<br>25<br>42<br>26<br>42<br>27<br>17<br>17<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                              | 163              | 172                            |
| 12 12 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12  | 80               | 85<br>46.80                    |
| 2 8 2 8 4 2 8 4 2 H   | 83               | 87                             |
| 18<br>18<br>20<br>20<br>22<br>10<br>10<br>4 + 4   | 172              | 172                            |
| - 12<br>- 10<br>- 10<br>- 12<br>- 13<br>- 13<br>- 13<br>- 13<br>- 13<br>- 13<br>- 13<br>- 13  | 85               | 85<br>25.02                    |
| 122 123 133 133 133 133 133 133 133 133   | 87               | 87<br>16.40                    |
| 200<br>201<br>202<br>333<br>112<br>113<br>113<br>114<br>115<br>115<br>115<br>115<br>115<br>115<br>115<br>115<br>115                                     | 163              | 24.38                          |
| 201001084701  | 80               | 85                             |
| 2014101112222   | 83               | 87                             |
| •   |                  | onths),                        |
| h,<br>nonths<br>nonths<br>nonths<br>years,<br>years,<br>years,  |                  | (in mo                         |
| ital, 1 to 3 r 3 to 6 r 6 to 12 r 1 to 2 3 2 to 5 3 2 to 5 3 5 to 10 3 2 to 5 3 | Totals,          | Totals, f known cases (in mont |
| :— agenita. Juder 1 from 1 3 6 6 1 1 2 2 2 1 0 10 10 10   | Total<br>Jnknown | Totknown                       |
| Died:<br>Con<br>F   | Ω                | Average of                     |
| H.  |                  | Aver                           |







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